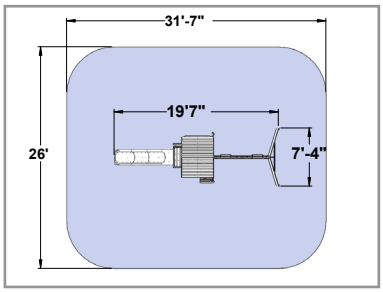
GRANDVIEW LODGE PLAY SYSTEM – F24720X

INSTALLATION AND OPERATING INSTRUCTIONS



⚠WARNING To reduce the risk of serious injury or death, you must read and follow these instructions. Keep and refer to these instructions often and give them to any future owner of this play system. Manufacturer contact information provided below.

OBSTACLE FREE SAFETY ZONE - **26' x 31'7"** area requires Protective Surfacing. See page 3.

MAXIMUM VERTICAL FALL HEIGHT - **6'5"**

CAPACITY - **9** Users Maximum, Ages **3** to **10**; Weight Limit **110 lbs. (49.9 kg)** per child.

RESIDENTIAL HOME USE ONLY. Not intended for public areas such as schools, churches, nurseries, day cares or parks.

10-14 Hrs

Two person assembly

Cedar Summit
c/o ©Solowave Design
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General Inquiries:
Regular Hours: 8:00am - 5:00pm EST
Peak Season (April - August):
8:00am - 7:00pm EST (Mon - Fri)
8:00am - 4:00pm EST (Sat & Sun)

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Web Form/Line Chat: www.cedarsummitplay.com/contact-us

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Warnings and Safe Play Instructions

CONTINUOUS ADULT SUPERVISION REQUIRED. Most serious injuries and deaths on playground equipment have occurred while children were unsupervised! Our products are designed to meet mandatory and voluntary safety standards. Complying with all warnings and recommendations in these instructions will reduce the risk of serious or fatal injury to children using this play system. Go over the warnings and safe play instructions regularly with your children and make certain that they understand and follow them. Remember on-site adult supervision is required for children of all ages.

WARNING

SERIOUS HEAD INJURY HAZARD
Installation over concrete, asphalt, dirt, grass, carpet and other hard surface creates a risk of serious injury or death from falls to the ground. Install and maintain shock absorbing material under and around play-set as recommended on page 3 of these instructions.

COLLISION HAZARD
Place play-set on level ground at least 6 feet from any obstruction such as a garage or house, fences, poles, trees, sidewalks, walls, landscape timbers, rocks, pavement, planters, garden borders, overhanging branches, laundry lines, and electrical wires. (See OBSTACLE FREE SAFETY ZONE on cover)

CHOKING HAZARD/SHARP EDGES & POINTS
Adult assembly required. This product contains small parts and parts with sharp edges and points. Keep parts away from children until fully assembled.

WARNING LABEL
Owners shall be responsible for maintaining the legibility of the warning labels.

STRANGULATION HAZARD
- NEVER allow children to play with ropes, clotheslines, pet leashes, cables, chains or cord-like items when using this play-set or to attach these items to play-set.
- NEVER allow children to wear loose fitting clothing, ponchos, hoods, scarves, capes, necklaces, items with draw-strings, cords or ties when using this play-set.
- NEVER allow children to wear bike or sport helmets when using this play-set.

Failure to prohibit these items, even helmets with chin straps, increases the risk of serious injury and death to children from entanglement and strangulation.

TIP OVER HAZARD
Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing materials washing away during heavy rains.

DO NOT allow children to play on the play-set until the assembly is complete and the unit is properly anchored.

WARNING – Safe Play Instructions

- ✓ Observe capacity limitations of your play-set. See front cover.
- ✓ Dress children with well fitting and full foot enclosing footwear.
- ✓ Teach children to sit with their full weight in the center of the swing seat to prevent erratic swing motion or falling off.
- ✓ Check for splintered, broken or cracked wood; missing, loose, or sharp edged hardware. Replace, tighten and or sand smooth as required prior to playing.
- ✓ Verify that suspended climbing ropes, rope ladders, chain or cable are secured at both ends and cannot be looped back on itself as to create an entanglement hazard.
- ✓ On sunny and or hot days, check the slide and other plastic rides to assure that they are not very hot as to cause burns. Cool hot slide and rides with water and wipe dry prior to using.
- ✘ Do not allow children to wear open toe or heel footwear like sandals, flip–flops or clogs.
- ✘ Do not allow children to walk, in front, between, behind or close to moving rides.
- ✘ Do not let children twist swing chains or ropes or loop them over the top support bar. This may reduce the strength of the chain or rope and cause premature failure.
- ✘ Do not let children get off rides while they are in motion.
- ✘ Do not permit climbing on equipment when it is wet.
- ✘ Do not permit rough play or use of equipment in a manner for which it was not intended. Standing on or jumping from the roof, elevated platforms, swings, climbers, ladders or slide can be dangerous.
- ✘ Do not allow children to swing empty rides or seats.
- ✘ Do not allow children to go down slide head first or run up slide.

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Protective Surfacing - Reducing Risk of Serious Head Injury From Falls

One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM F1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

Loose-Fill Materials

- Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically raked and refilled to maintain at least a 9-inch depth.
- Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.)

NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are not adequate protective surfacing. Ground level equipment -- such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface -- does not need any protective surfacing.

- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.
- Periodically rake, check and maintain the depth of the loose-fill surfacing material. Marking the correct depth on the play equipment support posts will help you to see when the material has settled and needs to be raked and or replenished. Be sure to rake and evenly redistribute the surfacing in heavily used areas.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.

Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles

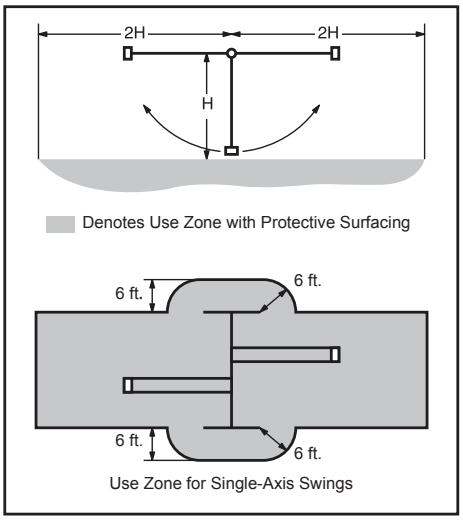
You may be interested in using surfacing other than loose-fill materials - like rubber tiles or poured-in-place surfaces.

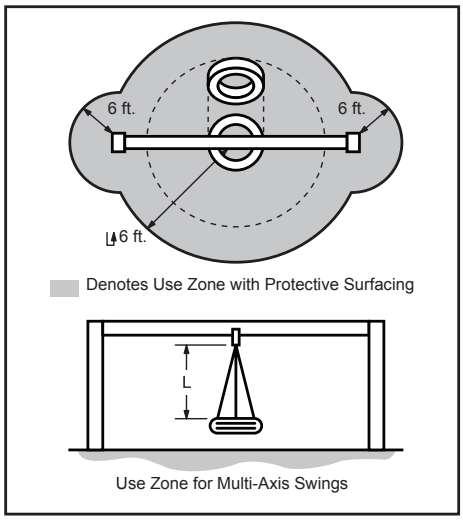
- Installations of these surfaces generally require a professional and are not "do-it yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment*. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height - vertical distance between a designated play surface (*elevated surface for standing, sitting, or climbing*) and the protective surfacing below - of your play equipment.
- Check the protective surfacing frequently for wear.

Placement

Proper placement and maintenance of protective surfacing is essential. Refer to diagram on front cover. Be sure to;

- Extend surfacing at least 6 feet from the equipment in all directions.
- For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.
- For tire swings, extend surfacing in a circle whose radius is equal to the height of the suspending chain or rope, plus 6 feet in all directions.





From the CPSC Outdoor Home Playground Safety Handbook. At http://www.playgroundregs.com/resources/CPSC%20324.pdf

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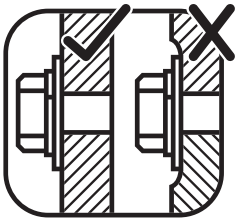
Instructions for Proper Maintenance

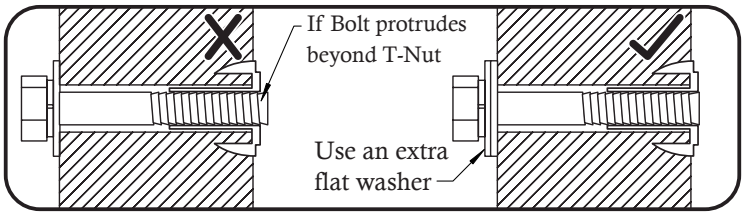
Your Cedar Summit Play System is designed and constructed of quality materials with your child's safety in mind. As with all outdoor products used by children, it will weather and wear. To maximize the enjoyment, safety and life of your Play Set, it is important that you, the owner, properly maintain it.

Check the following at the beginning of the play season:

HARDWARE:



- ✓ Check metal parts for rust. If found, sand and repaint using a non-lead paint complying with 16 CFR 1303.
- ✓ Inspect and tighten all hardware. On wood assemblies DO NOT OVER-TIGHTEN as to cause crushing and splintering of wood.
- ✓ Check for sharp edges or protruding screw threads, add washers if required.



SHOCK ABSORBING SURFACING:

- ✓ Check for foreign objects. Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

GROUND STAKES (ANCHORS):

- ✓ Check for looseness, damage or deterioration. Should firmly anchor unit to ground during use. Re-secure and or replace, if necessary.

SWING HANGERS:

- ✓ Check that bolts are secure and tight. Quick clips should be completely closed and threaded clips screwed tight.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS, ROPES AND RIDES:

- ✓ Reinstall if removed during cold season. Check all moving parts including swing seats, ropes, chains and attachments for wear, rust and other deterioration. Replace as needed.
- ✓ Check that ropes are tight, secure at both ends and cannot loop back as to create an entrapment.

WOOD PARTS:

- ✓ Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.
- ✓ Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.

Check twice a month during play season:

HARDWARE:

- ✓ Inspect for tightness. Must be firmly against, but not crushing the wood. DO NOT OVER-TIGHTEN. This will cause splintering of wood.
- ✓ Check for sharp edges or protruding screw threads. Add washers if required.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

Check once a month during play season:

SWING HANGERS:

- ✓ Check that they are secure and orientated correctly. Hook should rotate freely and perpendicular to support beam.
- ✓ If squeaking occurs lubricate bushings with oil or WD-40®.

SWINGS AND RIDES:

- ✓ Check swing seats, all ropes, chains and attachments for fraying, wear, excessive corrosion or damage. Replace if structurally damaged or deteriorated.

Check at the end of the play season:

SWINGS AND RIDES:

- ✓ To prolong their life, remove swings and store inside when outside temperature is below 32°F/0°C. Below freezing, plastic parts may become more brittle.

SHOCK ABSORBING SURFACING:

- ✓ Rake and check depth of loose fill protective surfacing materials to prevent compaction and maintain appropriate depth. Replace as necessary. (See Protective Surfacing, page 3)

If you dispose of your play set: Please disassemble and dispose of your unit so that it does not create any unreasonable hazards at the time it is discarded. Be sure to follow your local waste ordinances.

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About Our Wood

Cedar Summit Premium Play Systems uses only premium playset lumber, ensuring the safest product for your children's use. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

What causes weathering? Does it affect the strength of my Play System?
One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. **Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
2. **Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. **Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn a grey over time.

How can I reduce the amount of weathering to my Play System?
At the factory we have coated the wood with a water repellent or stain. This coating decreases the amount of water absorption during rain or snow thus decreasing the tension in the wood. Sunlight will break down the coating, applying a water repellant or stain on a yearly basis is important maintenance. (see your local stain and paint supplier for a recommended product)

Most weathering is just the normal result of nature and will not affect safe play and enjoyment for your child. However if you are concerned that a part has experienced a severe weathering problem please call our consumer relations department for further assistance.

Complete and mail registration card to receive important product notifications and assure prompt warranty service.

5 Year Limited Warranty

Solowave Design warrants that this product is free from defect in materials and workmanship for a period of one year from the original date of purchase. In addition, lumber is warranted for 5 years against structural failure due to rot and insect damage. All other parts, such as hardware, swings, rides, accessories, and slides carry a one-year warranty only.
This warranty applies to the original owner and registrant and is non-transferable.
Regular maintenance is required to assure the integrity of your Play System. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. This warranty does not cover any inspection cost.

This Limited Warranty does not cover:
- Labor for replacement of any defective item(s);
- Incidental or consequential damages;
- Cosmetic defects which do not affect performance or integrity;
- Vandalism; improper use or installation; acts of nature;
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity.

Solowave Design products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Solowave Design Inc. cannot assume any responsibility for modified products. Furthermore, modification voids any and all warranties.

This product is warranted for **RESIDENTIAL USE ONLY**. Under no circumstance should a Solowave Design Play System be used in public settings such as schools, churches, playgrounds, parks, day cares and the like. Such use may lead to product failure and potential injury. Any and all public use will void this warranty.
Solowave Design disclaims all other representations and warranties of any kind, express or implied.

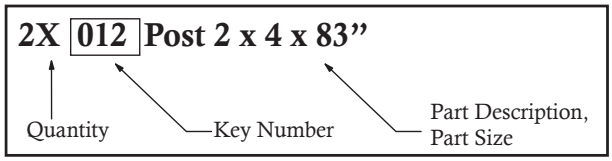
This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages, and therefore this limitation may not apply to you.

Keys to Assembly Success

Tools Required

• Tape Measure • Carpenters Level • Carpenters Square • Claw Hammer • Standard or Cordless Drill	• #1 Phillips, #2 Robertson and Screwdriver • Ratchet with extension (1/2" & 9/16" sockets)	• Open End Wrench (1/2" & 9/16") • Adjustable Wrench • 1/8" & 3/16" Drill Bits	• 3/16" Hex Key • 8' Step Ladder • Safety Glasses • Adult Helpers • Pencil

Part Identification Key
On each page, you will find the parts and quantities required to complete the assembly step illustrated on that page. Here is a sample.



Key Number: The first two digits represent the step number. The third digit represents the piece. Note that if the part is used in multiple steps then the number only reflects the first step it is used in.

Symbols
Throughout these instructions symbols are provided as important reminders for proper and safe assembly.

This identifies information that requires special attention. Improper assembly could lead to an unsafe or dangerous condition.

Use Help Use Help

Where this is shown, 2 or 3 people are required to safely complete the step. To avoid injury or damage to the assembly make sure to get help!

Measure Distance

Use a measuring tape to assure proper location.

Square Assembly

Check that assembly is square before tightening bolts.

Check that set or assembly is properly level before proceeding.

Use Level

Pre-drill 1/8" & 3/16" Bit

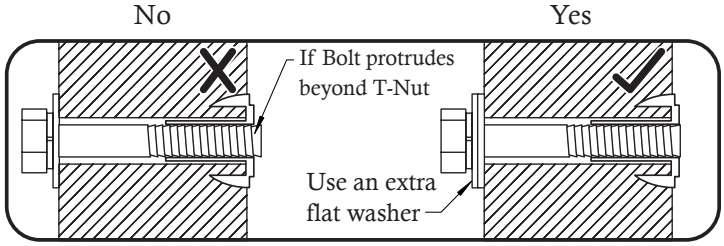
Pre-drill a pilot hole before fastening screw or lag to prevent splitting of wood.

Tighten Bolts

This indicates time to tighten bolts, but not too tight! Do not crush the wood. This may create splinters and cause structural damage.

CAUTION – Protrusion Hazard

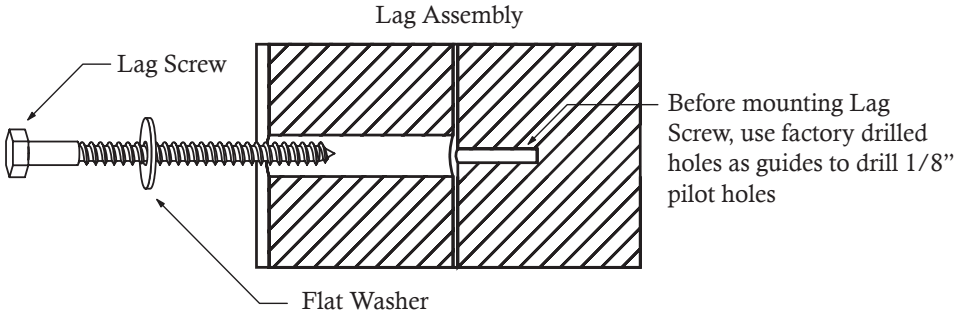
Once the assembly is tightened, watch for exposed threads. If a thread protrudes from the T-Nut, remove the bolt and add washers to eliminate this condition. Extra washers have been provided for this purpose.

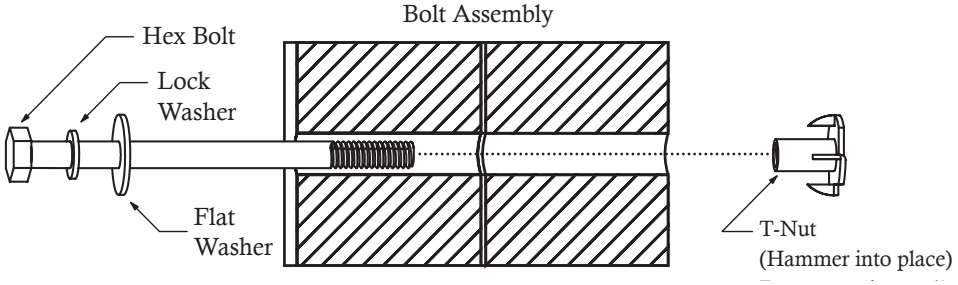


Proper Hardware Assembly
Lag screws require drilling pilot holes to avoid splitting wood. Only a flat washer is required. For ease of installation liquid soap can be used on all lag-type screws.

For bolts, tap T-Nut into hole with hammer. Insert the hex bolt through lock washer first then flat washer then hole. Because the assemblies need to be squared do not completely tighten until instructed. Pay close attention to diameter of the bolts. 5/16" is slightly larger than 1/4".

Note: Wafer head bolts with blue lock tight or a bolt with a Ny-Lok nut do NOT require a lock washer.





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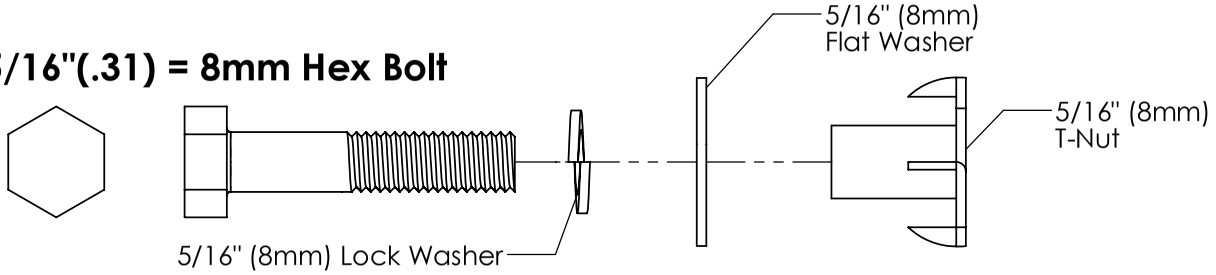
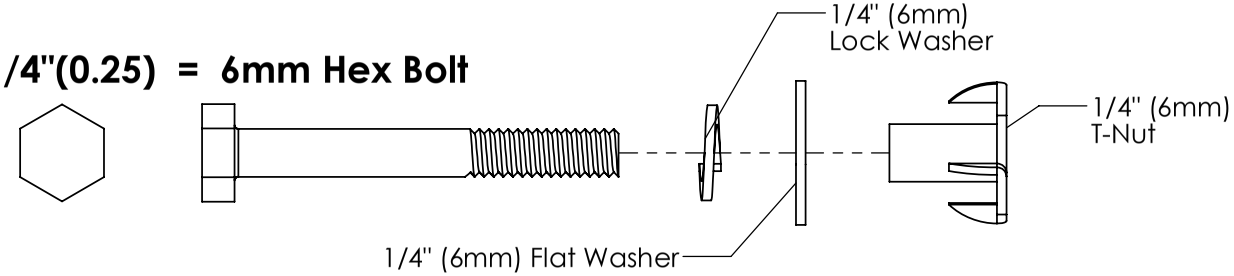
SOLO)WAVE DESIGN HARDWARE

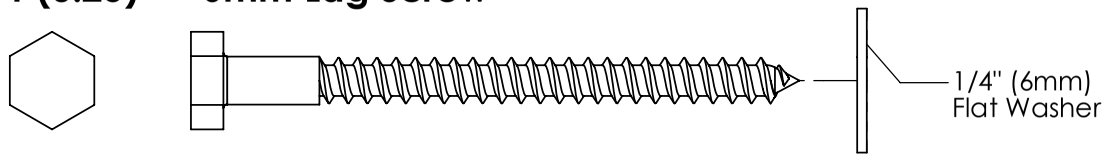
5/16"(.31) = 8mm Hex Bolt



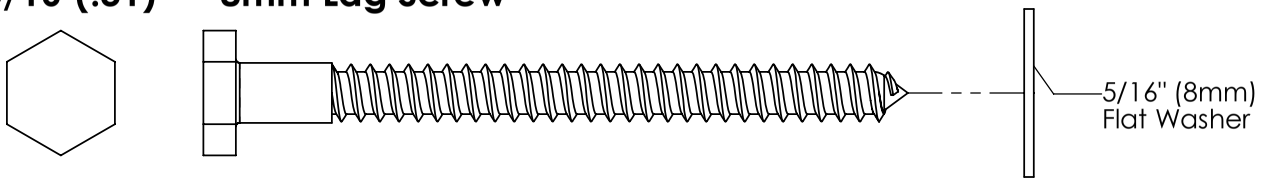
1/4"(0.25) = 6mm Hex Bolt



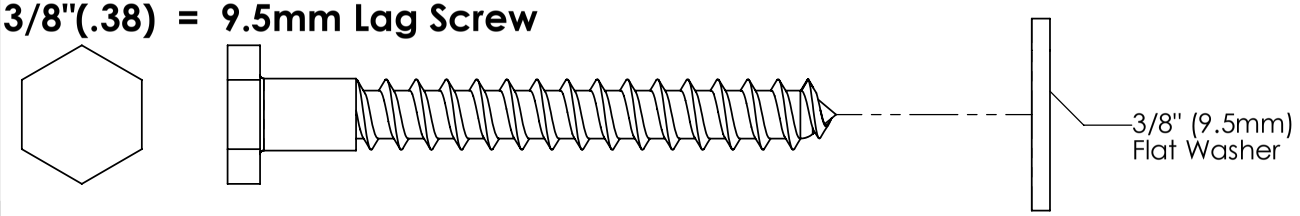
1/4"(0.25) = 6mm Lag Screw



5/16"(.31) = 8mm Lag Screw



3/8"(.38) = 9.5mm Lag Screw



HARDWARE LENGTH CHART *inches* vs *millimetres*	
6	152
5½	140
5	127
4½	114
4	102
3½	89
3	76
2½	64
2	51
1½	38
1¼	32
1-1/8	29
1	25.4
7/8	22
3/4	19
1/2	12.7

DIAMETER CONVERSION

1 inch = 25.4mm

For example:

BOLT DIAMETER 5/16 (0.31) inches

0.31 inches x 25.4mm = 8mm

LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOLT LENGTH 4½ (4.5) inches long

4.5 inches x 25.4mm = 114mm long

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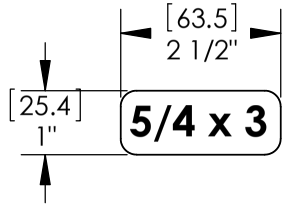
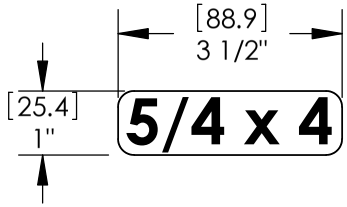
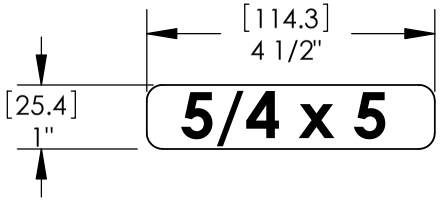
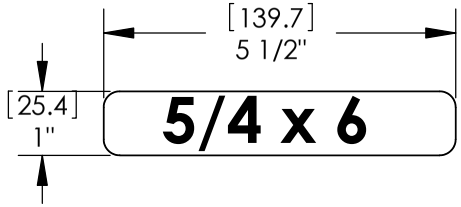
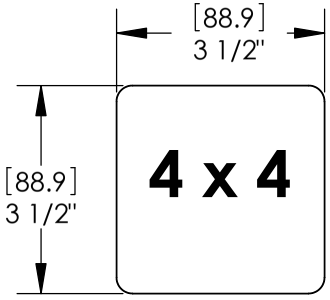
SOLO)WAVE DESIGN WOOD PROFILES

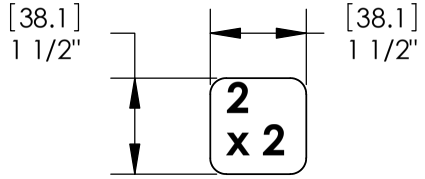


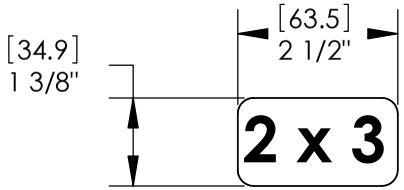


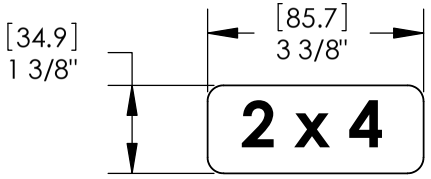


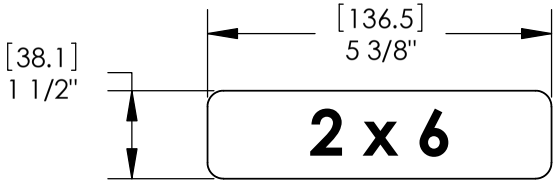


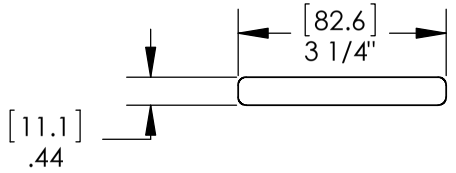


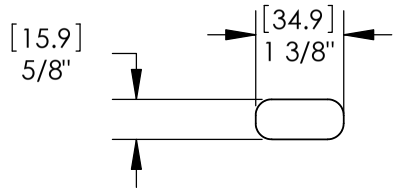


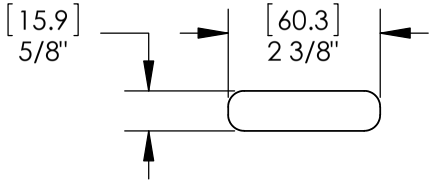


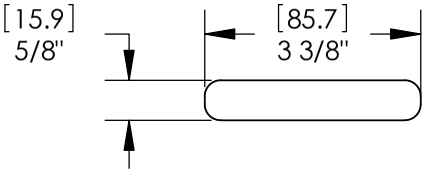


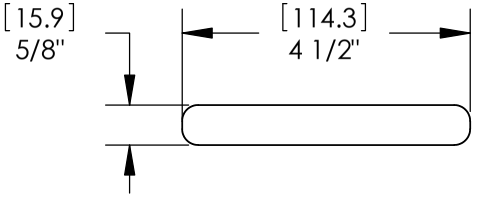


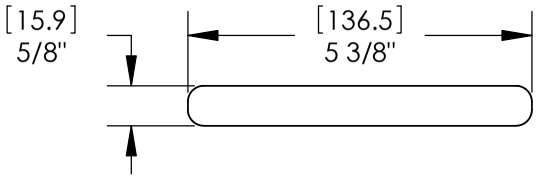












Dimensions in brackets [mm] represent millimetres.

LENGTH CONVERSION

1 inch = 25.4mm

For example:

BOARD LENGTH 59¼ (59.25) inches

59.25 inches x 25.4mm = 1505mm

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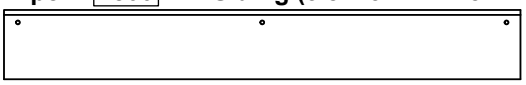
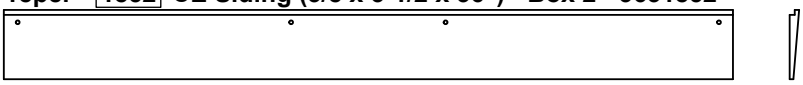
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 2"	⅝" x 1⅜"
1" x 4"	⅝" x 3⅜"
1" x 5"	⅝" x 4½"
1" x 6"	⅝" x 5⅜"

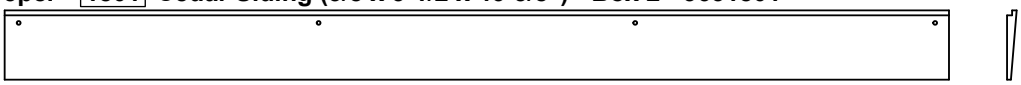
12pc. - 1800 CE Siding (3/8 x 3-1/2 x 25-1/2") - Box 1 - 3631800



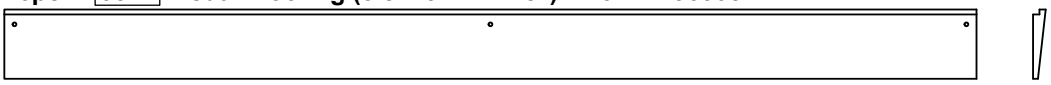
18pc. - 1852 CE Siding (3/8 x 3-1/2 x 36") - Box 2 - 3631852



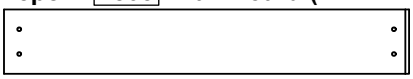
5pc. - 1801 Cedar Siding (3/8 x 3-1/2 x 46-5/8") - Box 2 - 3631801



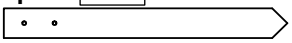
26pc. - 0517 Cedar Roofing (3/8 x 3-1/2 x 48") - Box 1 - 3630517



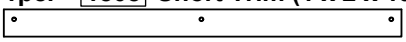
25pc. - 1503 Wall Board (1/2 x 4 x 20") - Box 1 - 3631503



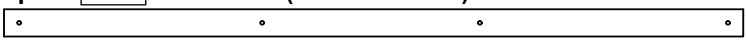
6pc. - 0318 Ground Stake (1-1/4 x 1-1/2 x 14") - Box 1 - 3650318



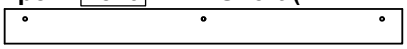
1pc. - 1808 Short Trim (1 x 2 x 19-5/8") - Box 2 - 3641808



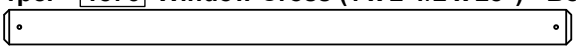
1pc. - 1809 Door Trim (1 x 2 x 36-1/2") - Box 2 - 3641809



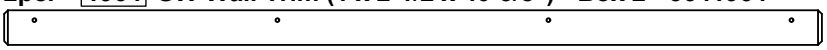
1pc. - 1870 Trim Short (1 x 2-1/2 x 19-5/8") - Box 2 - 3641870



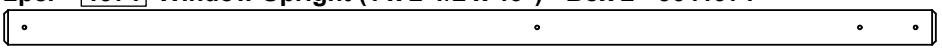
1pc. - 1876 Window Cross (1 x 2-1/2 x 28") - Box 2 - 3641876



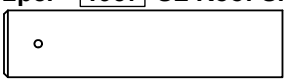
2pc. - 1964 SW Wall Trim (1 x 2-1/2 x 40-3/8") - Box 2 - 3641964



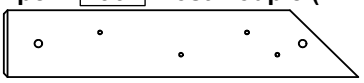
2pc. - 1971 Window Upright (1 x 2-1/2 x 46") - Box 2 - 3641971



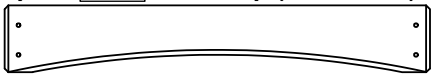
2pc. - 1957 SL Roof Side (1 x 4 x 13-3/4") - Box 1 - 3641957



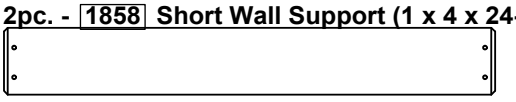
2pc. - 1962 Post Couple (1 x 4 x 17-1/2") - Box 1 - 3641962



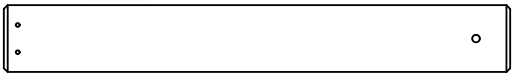
1pc. - 1806 Door Top (1 x 4 x 21") - Box 2 - 3641806



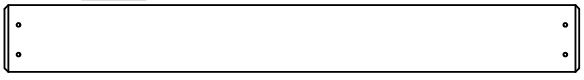
2pc. - 1858 Short Wall Support (1 x 4 x 24-1/4") - Box 2 - 3641858



2pc. - 1956 Front Wall (1 x 4 x 25") - Box 1 - 3641956



1pc. - 1969 Seat Rail (1 x 4 x 28-3/8") - Box 2 - 3641969



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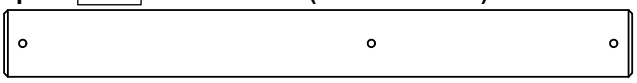
Part Identification (Reduced Part Size)

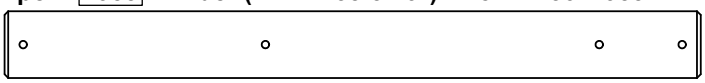
Nominal Size	Actual Size
1" x 6"	⅝" x 5⅜"
5/4" x 4"	1" x 3¼"
2" x 2"	1½" x 1½"
2" x 3"	1⅜" x 2½"

4pc. - 1975 Cedar Wall (1 x 4 x 29") - Box 3 - 3631975

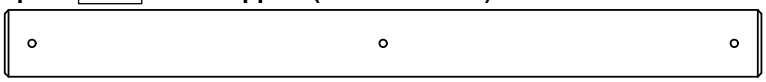
1pc. - 1958 Back Divider (1 x 4 x 31-3/4") - Box 1 - 3641958



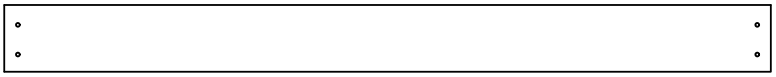
1pc. - 1955 Divider (1 x 4 x 35-3/16") - Box 1 - 3641955



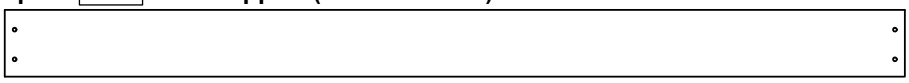
1pc. - 1502 Wall Support (1 x 4 x 38-1/4") - Box 1 - 3641502



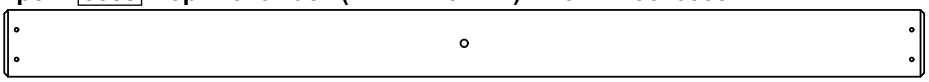
1pc. - 0839 CE Gap Board (1 x 4 x 38-3/4") - Box 1 - 3630839



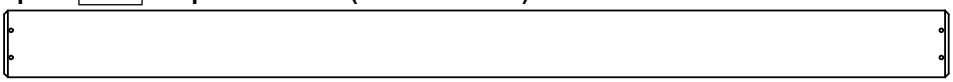
4pc. - 1814 Wall Support (1 x 4 x 45-1/2") - Box 2 - 3641814



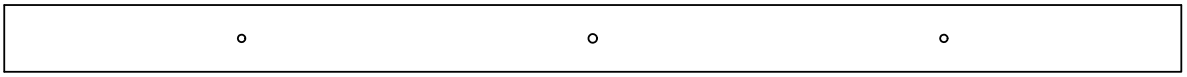
1pc. - 0358 Top Front Back (1 x 4 x 46-1/2") - Box 1 - 3640358



2pc. - 0357 Tarp Front Back (1 x 4 x 47-3/4") - Box 1 - 3640357



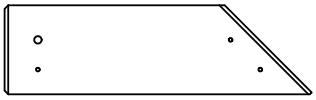
1pc. - 1865 Sw Roof Side (1 x 4 x 59-1/2") - Box 1 - 3641865



2pc. - 1970 Seat Bottom (1 x 5 x 11-1/2") - Box 2 - 3641970

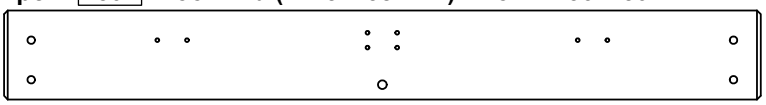
2pc. - 1973 Crowsnest Floor (1 x 5 x 30") - Box 3 - 3631973

1pc. - 1988 Gusset Ground Support (1 x 5 x 15-5/8") - Box 3 - 3641988



1pc. - 0348 SL Ground (1 x 5 x 38-1/4") - Box 1 - 3640348

2pc. - 1501 Floor End (1 x 5 x 38-1/4") - Box 1 - 3641501



9pc. - 1851 Cedar Floor Board (1 x 5 x 38-3/4") - (8X)Box 1 & (1X)Box 2- 3631851

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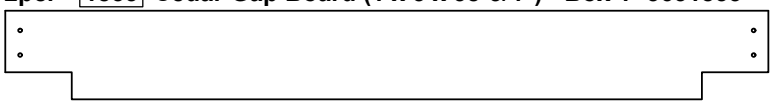
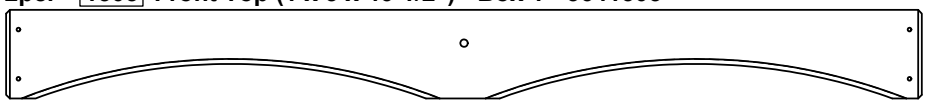
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 6"	⅝" x 5⅜"
5/4" x 4"	1" x 3¼"
2" x 2"	1½" x 1½"
2" x 3"	1⅜" x 2½"

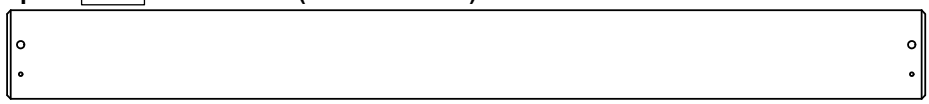
2pc. - 1853 Cedar Gap Board (1 x 5 x 38-3/4") - Box 1- 3631853



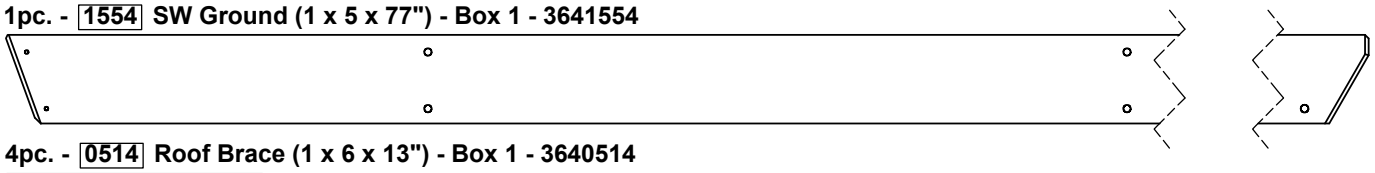
2pc. - 1505 Front Top (1 x 5 x 46-1/2") - Box 1 - 3641505



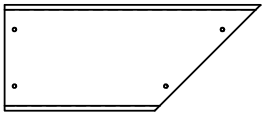
2pc. - 0351 Front Back (1 x 5 x 46-5/8") - Box 1 - 3640351



1pc. - 1554 SW Ground (1 x 5 x 77") - Box 1 - 3641554

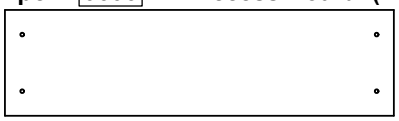


4pc. - 0514 Roof Brace (1 x 6 x 13") - Box 1 - 3640514

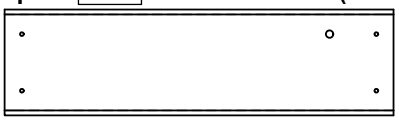


2pc. - 1972 Wall Board (1 x 6 x 15") - Box 2 - 3631972

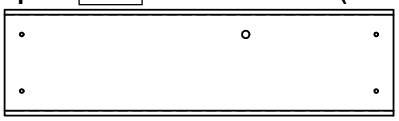
2pc. - 0606 CE Access Board (1 x 6 x 19-3/4") () - Box 1 - 3630606



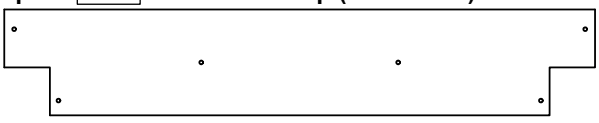
3pc. - 0630 CE Rock Board (1 x 6 x 19-3/4") - Box 1 - 3630630



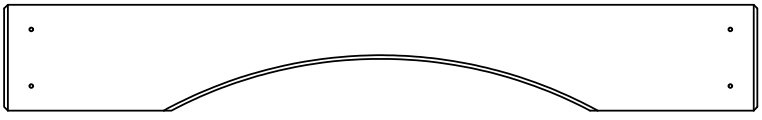
2pc. - 0631 CE Rock Board (1 x 6 x 19-3/4") - Box 1 - 3630631



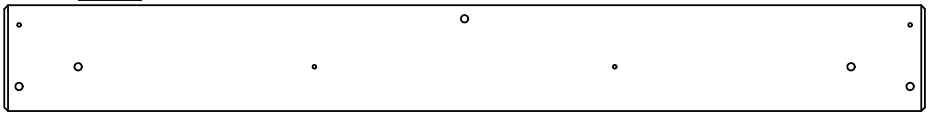
1pc. - 1974 Crowsnest Gap (1 x 6 x 30") - Box 3 - 3631974



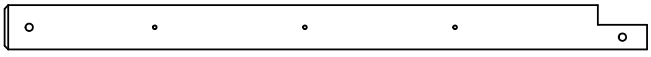
1pc. - 1867 Top Side (1 x 6 x 38-1/4") - Box 2 - 3641867



1pc. - 1953 Back Floor (1 x 6 x 46-3/4") - Box 1 - 3641953



2pc. - 1978 Crowsnest Upright (5/4 x 2-3/4 x 32-5/8") - Box 3 - 3641978



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1" x 6"	⅝" x 5⅜"
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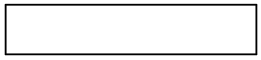
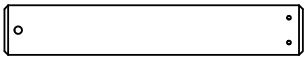
2" x 2"	1½" x 1½"
2" x 3"	1⅜" x 2½"

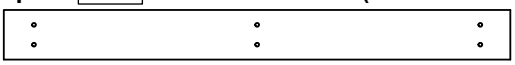
2pc. - 1981 Crowsnest Joist (5/4 x 3 x 12-1/2") - Box 3 - 3641981



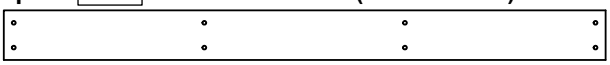
2pc. - 1989 Crowsnest Side (5/4 x 3 x 14-7/8") - Box 3 - 3641989



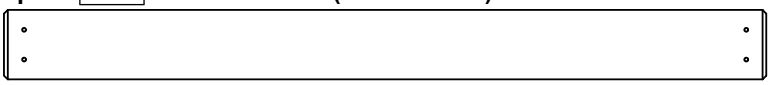
1pc. - 1448 Crowsnest Short (5/4 x 3 x 25-1/4") - Box 3 - 3641448



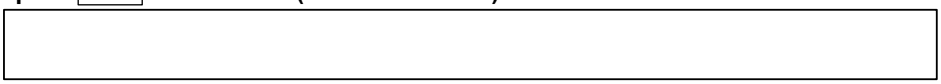
1pc. - 1983 Crowsnest Back (5/4 x 3 x 30") - Box 3 - 3641983



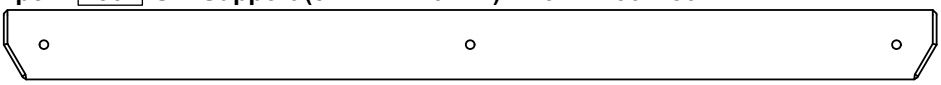
2pc. - 1959 SL Wall Board (5/4 x 4 x 38") - Box 1 - 3641959



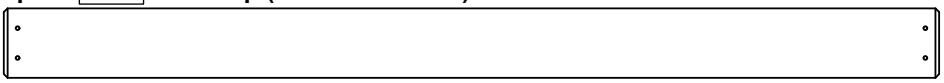
1pc. - 0790 Floor Joist (5/4 x 4 x 46-1/2") - Box 1 - 3640790



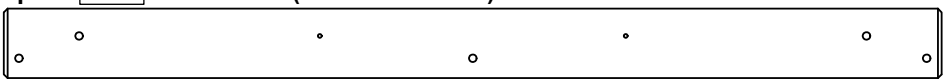
1pc. - 1862 SW Support (5/4 x 4 x 46-12") - Box 1 - 3641862



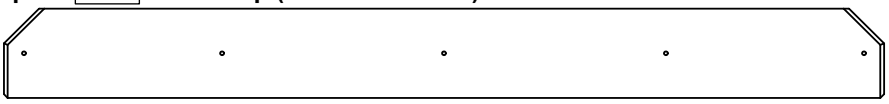
1pc. - 1817 Wall Top (5/4 x 4 x 46-5/8") - Box 2 - 3641817



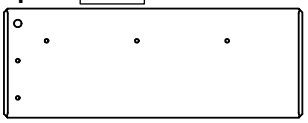
1pc. - 0799 Floor Back (5/4 x 4 x 41-3/4") - Box 1 - 3640799



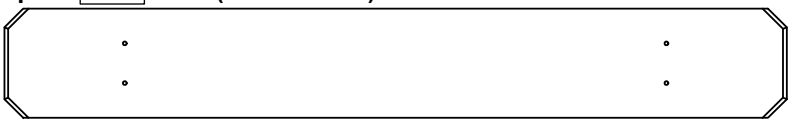
1pc. - 1966 Table Top (5/4 x 5 x 43-7/8") - Box 2 - 3641966



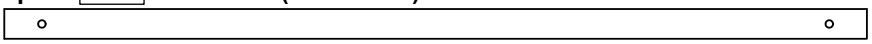
2pc. - 1982 Crowsnest Bottom Side (5/4 x 6 x 14-7/8") - Box 3 - 3641982



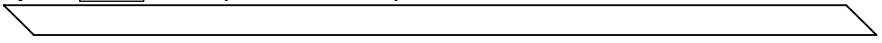
1pc. - 1967 Seat (5/4 x 6 x 39") - Box 2 - 3641967



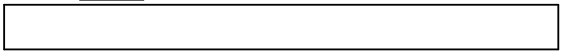
2pc. - 0795 Side Joist (2 x 2 x 43") - Box 1 - 3640795



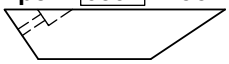
2pc. - 0501 Joist (2 x 2 x 43 1/2") - Box 1 - 3640501



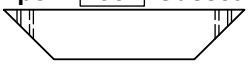
2pc. - 1984 Crowsnest Face (2 x 2-3/4 x 27-5/8") - Box 3 - 3641984



2pc. - 0367 Floor Gusset (2 x 3 x 11") - Box 1 - 3640367



2pc. - 1954 Gusset (2 x 3 x 12") - Box 1 - 3641954



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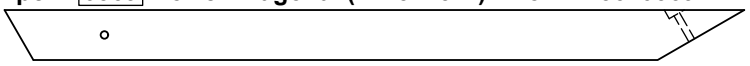
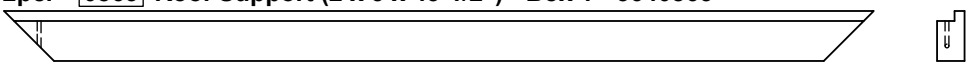
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
1" x 6"	⅝" x 5⅜"
5/4" x 4"	1" x 3¼"
2" x 2"	1½" x 1½"
2" x 3"	1⅜" x 2½"

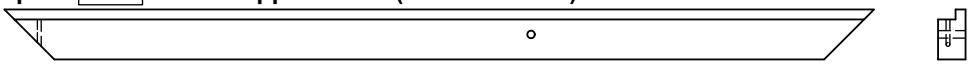
1pc. - 0369 Lower Diagonal (2 x 3 x 37") - Box 1 - 3640369



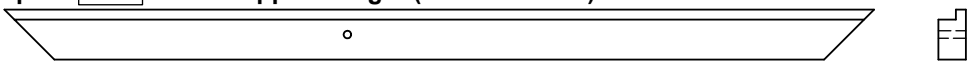
2pc. - 0863 Roof Support (2 x 3 x 43-1/2") - Box 1 - 3640863



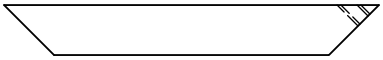
1pc. - 1950 Roof Support - Left (2 x 3 x 43-1/2") - Box 1 - 3641950



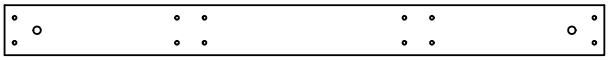
1pc. - 1951 Roof Support - Right (2 x 3 x 43-1/2") - Box 1 - 3641951



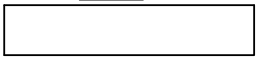
1pc. - 1986 Crowsnest Diagonal (2 x 3 x 18-3/4") - Box 3 - 3641986



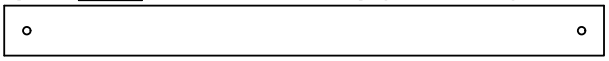
1pc. - 1976 Crowsnest Front (2 x 3 x 30") - Box 3 - 3641976



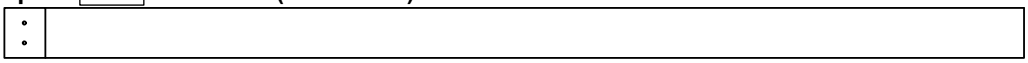
2pc. - 1980 Crowsnest Joist (2 x 3 x 12-1/2") - Box 3 - 3641980



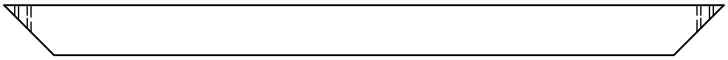
1pc. - 1977 Crowsnest SL Top (2 x 3 x 30") - Box 3 - 3641977



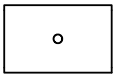
2pc. - 0349 Rock Rail (2 x 3 x 51") - Box 1 - 3640349



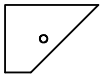
1pc. - 1979 Roof Support (2 x 3 x 36") - Box 3 - 3641979



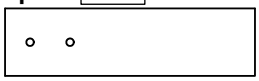
1pc. - 4919 SW Rail Block (2 x 4 x 5-3/8") - Box 1 - 3644919



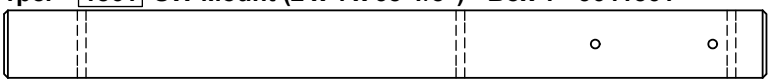
2pc. - 1961 Post Roof Block (2 x 4 x 4-11/16") - Box 1 - 3641961



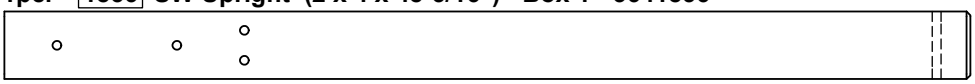
2pc. - 1968 Seat Post (2 x 4 x 12-1/2") - Box 2 - 3641968



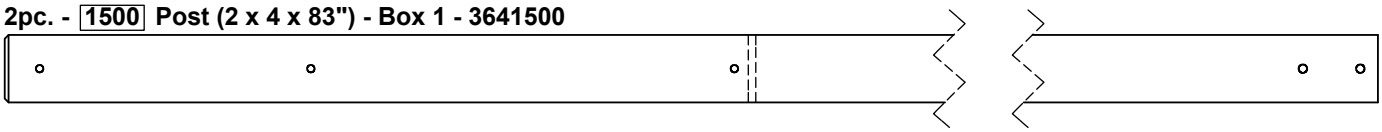
1pc. - 1861 SW Mount (2 x 4 x 38-1/8") - Box 1 - 3641861



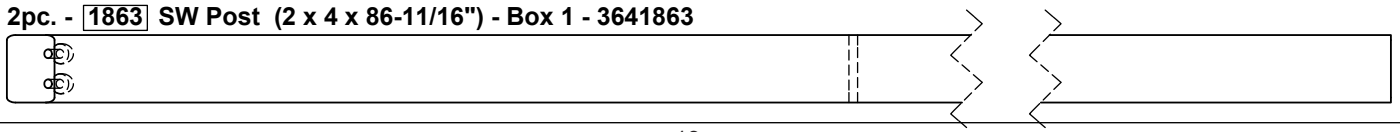
1pc. - 1856 SW Upright (2 x 4 x 48-5/16") - Box 1 - 3641856



2pc. - 1500 Post (2 x 4 x 83") - Box 1 - 3641500



2pc. - 1863 SW Post (2 x 4 x 86-11/16") - Box 1 - 3641863



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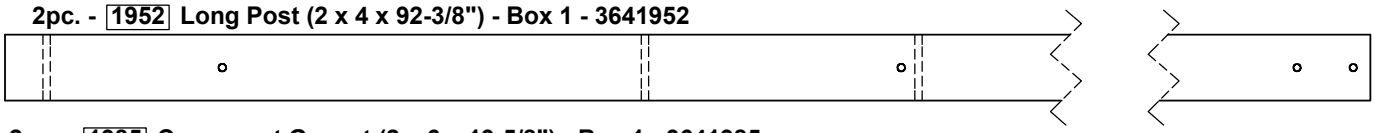
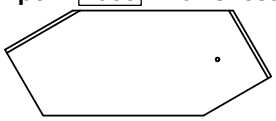
Part Identification (Reduced Part Size)

Nominal Size	Actual Size
2" x 4" 2" x 6"	1⅜" x 3⅜" 1½" x 5⅜"

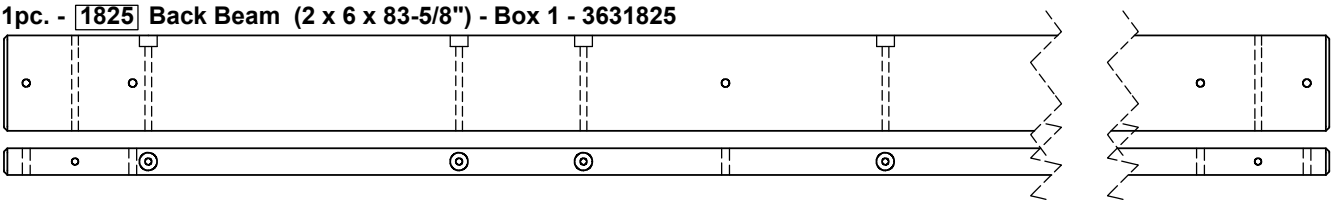
2pc. - 1952 Long Post (2 x 4 x 92-3/8") - Box 1 - 3641952



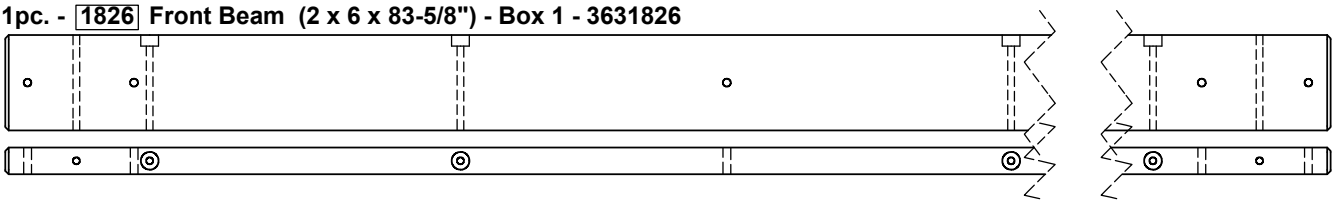
2pc. - 1985 Crowsnest Gusset (2 x 6 x 13-5/8") - Box 1 - 3641985



1pc. - 1825 Back Beam (2 x 6 x 83-5/8") - Box 1 - 3631825

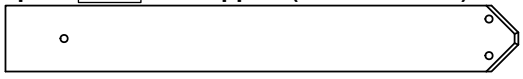


1pc. - 1826 Front Beam (2 x 6 x 83-5/8") - Box 1 - 3631826

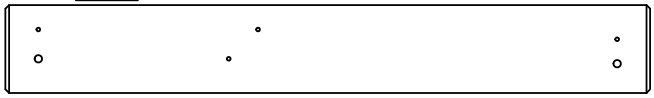


Extra Boards NOT USED for this fort assembly

1pc. - 1450 SL Support (2 x 4 x 26-1/4") - Box 3 - 3641450



1pc. - 1987 SL Ground Support (1 x 5 x 33") - Box 3 - 3641987



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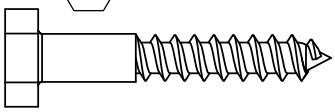
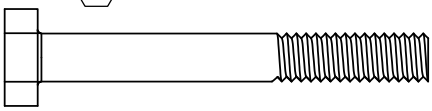
Hardware Identification (Actual Size)

4pc. LS1 - Lag Screw 1/4 x 1-1/2" - (9262212)

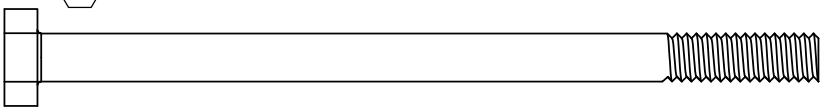


7pc. LS3 - Lag Screw 1/4 x 3" - (9262230)

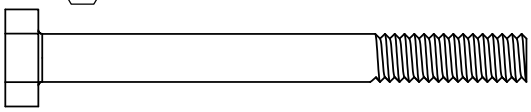
23pc. H2 - Hex Bolt 1/4 x 2" - (9277220)



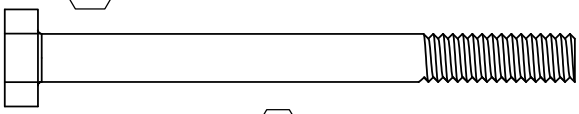
2pc. H4 - Hex Bolt 1/4 x 4" - (9277240)



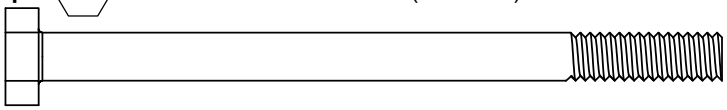
6pc. H3 - Hex Bolt 1/4 x 2-1/2" - (9277222)



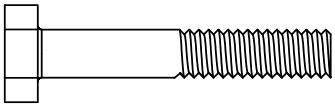
2pc. H11 - Hex Bolt 1/4 x 2-3/4" - (9277223)



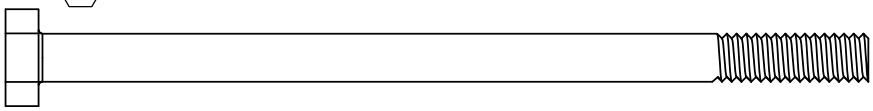
2pc. H13 - Hex Bolt 1/4 x 3-1/2" - (9277232)



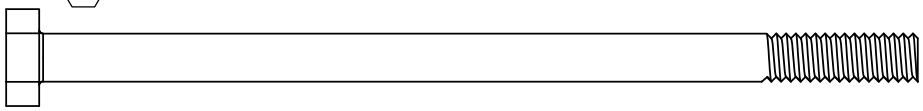
1pc. H1 - Hex Bolt 1/4 x 1-1/2" - (9277212)



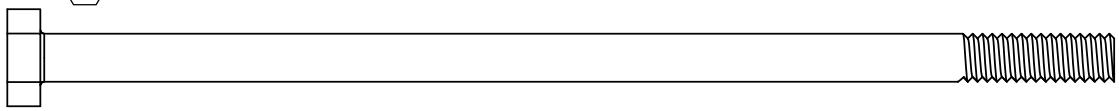
1pc. H8 - Hex Bolt 1/4 x 4-1/4" - (9277241)



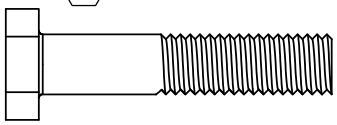
6pc. H5 - Hex Bolt 1/4 x 4-1/2" - (9277242)



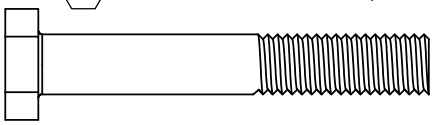
4pc. H7 - Hex Bolt 1/4 x 5-1/2" - (9277252)



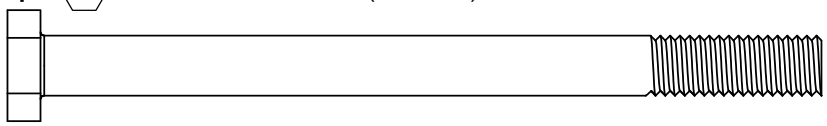
4pc. G1 - Hex Bolt 5/16 x 1-1/2" - (9277312)



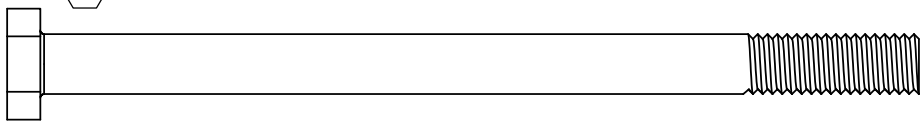
2pc. G8 - Hex Bolt 5/16 x 2" - (9277320)



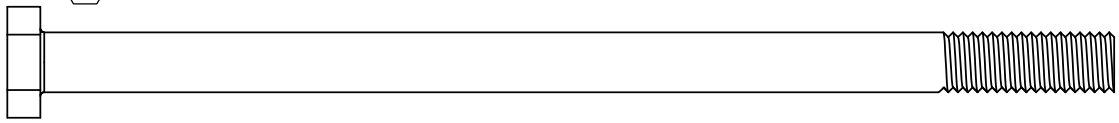
5pc. G4 - Hex Bolt 5/16 x 4" - (9277340)



5pc. G5 **-** Hex Bolt 5/16 x 4-1/2" - (9277342)



2pc. G7 - Hex Bolt 5/16 x 5-1/2" - (9277352)



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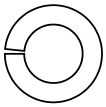
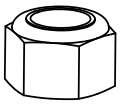
Hardware Identification (Actual Size)

14pc. **LW2** - 5/16" Lock Washer - (9253300)

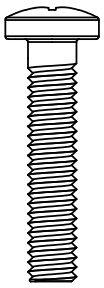


58pc. **LW1** - 1/4" Lock Washer - (9253200)

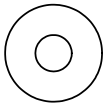
4pc. **LN2** - 5/16" Lock Nut - (9283300)



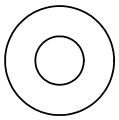
11pc. **PB2** - Pan Bolt 1/4 x 1-1/4" - (9274211)



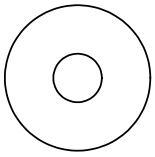
18pc. **FW3** - #8 Flat Washer - (9251500)



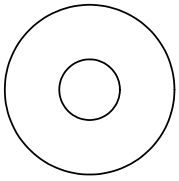
39pc. **FW0** - 3/16" Flat Washer - (9251100)



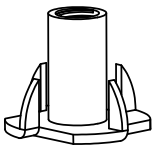
64pc. **FW1** - 1/4" Flat Washer - (9251200)



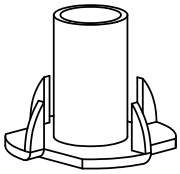
21pc. **FW2** - 5/16" Flat Washer - (9251300)



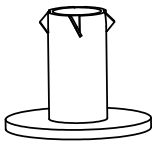
53pc. **TN1** - 1/4" T - Nut -(9285200)



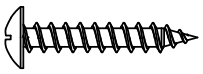
14pc. **TN2** - 5/16" T- Nut - (9285300)



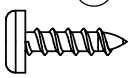
5pc. **BN1** - 1/4" Barrel Nut - (9248200)



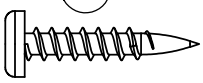
306pc. **S0** - Truss Screw #8 x 7/8" - (9229505)



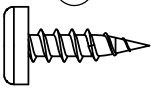
41pc. **S5** - Pan Screw #8 x 1/2" - (9264504)



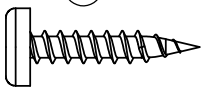
5pc. **S10** - Pan Screw #8 x 1" - (9264510)



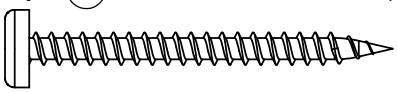
16pc. **S8** - Pan Screw #12 x 3/4" - (9264603)



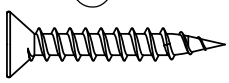
2pc. **S6** - Pan Screw #12 x 1" - (9264610)



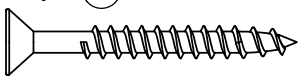
43pc. **S7** - Pan Screw #12 x 2" - (9264620)



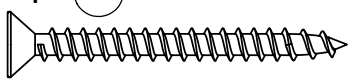
68pc. **S1** - Wood Screw #8 x 1-1/8" - (9290514)



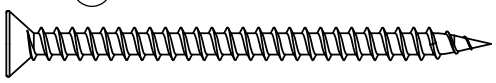
174pc. **S2** - Wood Screw #8 x 1-1/2" - (9260512)



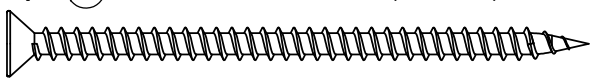
21pc. **S15** - Wood Screw #8 x 1-3/4" - (9260513)



37pc. **S3** - Wood Screw #8 x 2-1/2" - (9290522)



30pc. **S4** - Wood Screw #8 x 3" - (9290530)



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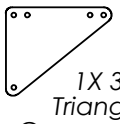
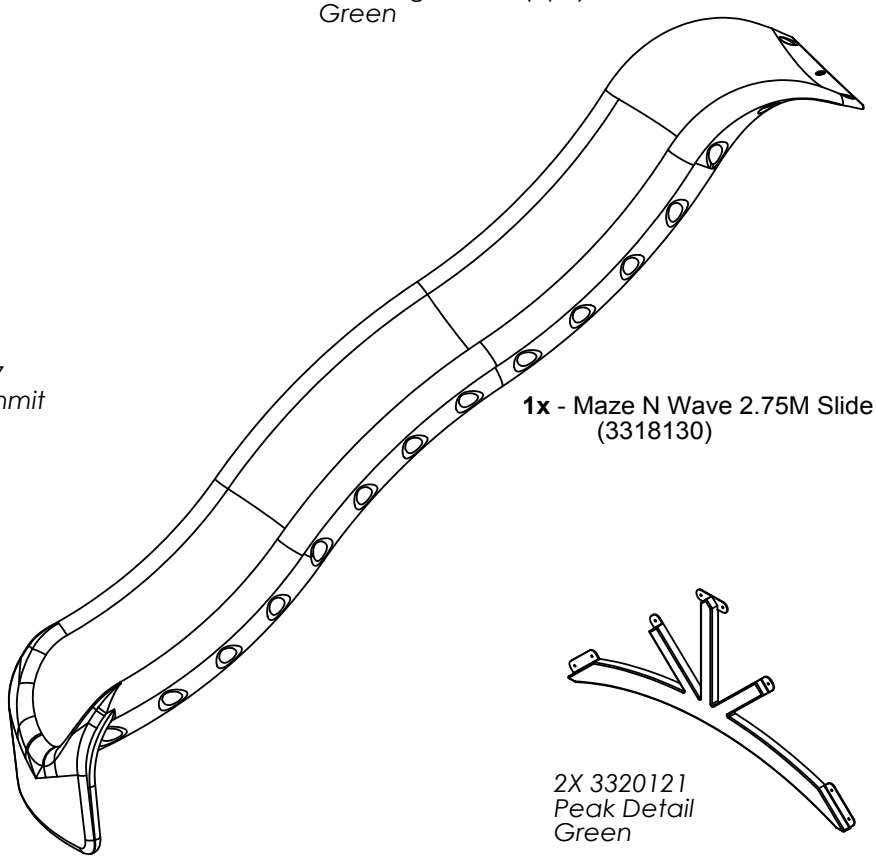
Part Identification (Reduced Part Size)

1X 3320386 Rocks (5pk)
3-Green 2-Yellow



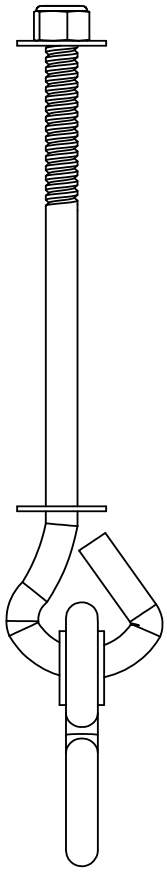
1X 3200184
Triangle Plate (4pk)
Green

1X 9320357
Cedar Summit
I.D. Plaque



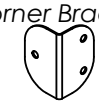
1x - Maze N Wave 2.75M Slide
(3318130)

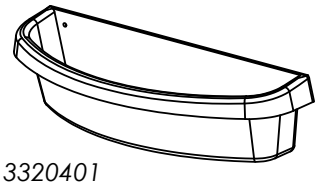
2X 3320121
Peak Detail
Green



1X 3202001
Swing Hanger Bolt
Thru. (6 pk)

1X 3200164 (4pk)
Corner Brace Set

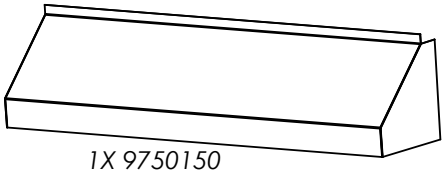




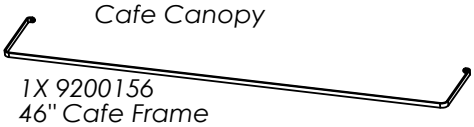
1X 3320401
Flower Box Set
Green

1X 3200166 (6pk)
Corner Brace Set

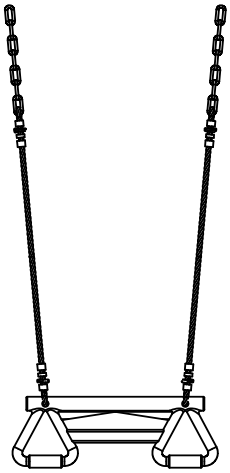
1X 3750150
Grandview Canopy Set



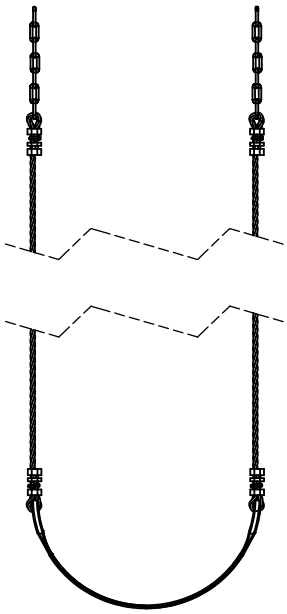
1X 9750150
Cafe Canopy



1X 9200156
46" Cafe Frame



1X 3724908
24" Acro Swing
Yellow
w.welded chain



2X 3724943
42" Belt Swing Yellow
w.welded chain

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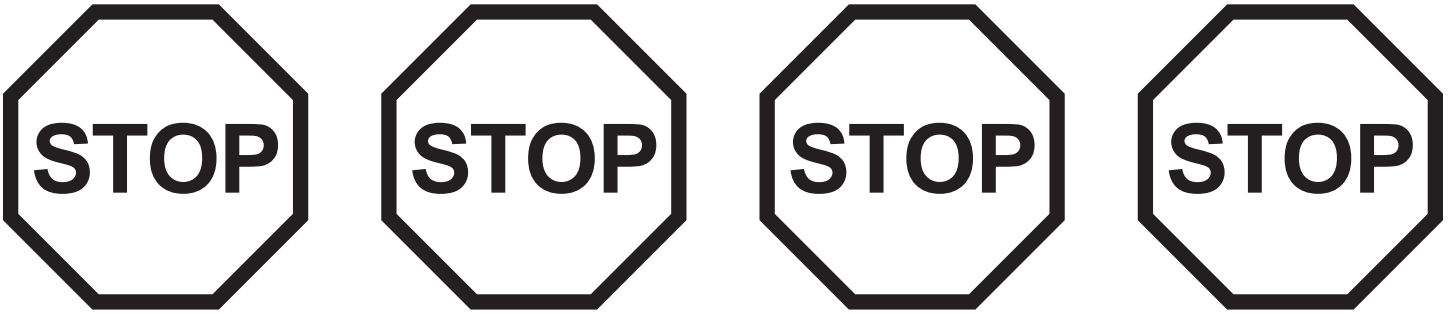
Step 1: Inventory Parts - Read This Before Starting Assembly



A. This is the time for you to inventory all your hardware, wood and accessories, referencing the parts identification sheets. This will assist you with your assembly.

- The wood pieces will have the four digit key number stamped on the ends of the boards. The wood pieces are referenced throughout the instructions with this number.
- Please refer to Page 6 for proper hardware assembly.
- Each step indicates which bolts and/or screws you will need for assembly, as well as any flat washers, lock washers, t-nuts or lock nuts.

B. If there are any missing or damaged pieces or you need assistance with assembly please contact the Consumer Relations Department directly. Call us before going back to the store.

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C. Read the assembly manual completely, paying special attention to ANSI warnings; notes; and safety/maintenance information on pages 1 - 6.

D. Before you discard your cartons fill out the form below.

- The carton I.D. stamp is located on the end of each carton. The tracking number is located on the Big Backyard ID Plaque (3320356).
- Please retain this information for future reference. You will need this information if you contact the Consumer Relations Department.

MODEL NUMBER: **F24720X**

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 1)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 2)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 3)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 4)

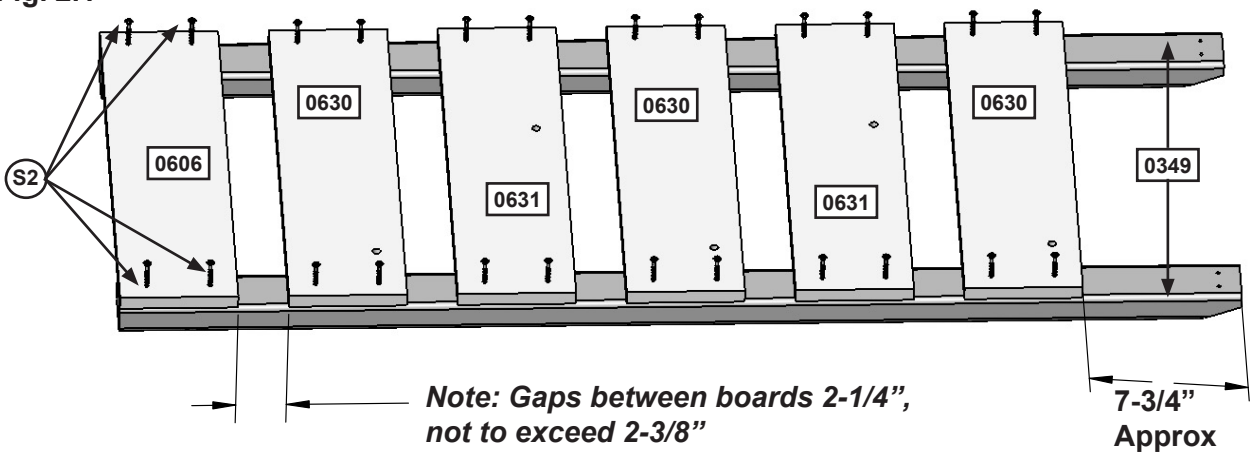
CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 5)

CARTON I.D. STAMP: __ __ __ __ __ 14459 ___ (Box 6)

TRACKING NUMBER (from ID Plaque): _____

Step 2: Rock Wall Assembly

Fig. 2.1



Note: The holes in the rock boards must orient to the top of the boards.

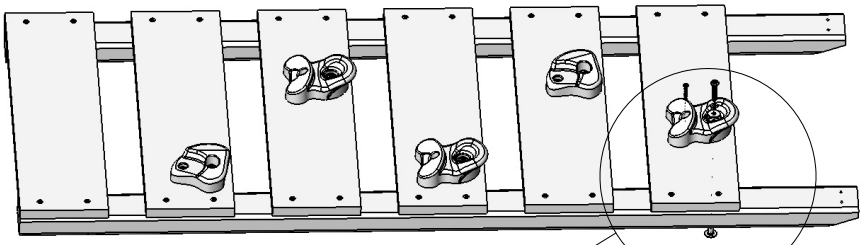
A: Lay 2 (0349) Rock Rails down, side by side with angled edges facing down. (fig. 2.1)

B: Place (0606) CE Access Board on the bottom of each (0349) Rock Rail as shown in fig. 2.1. Make sure (0606) CE Access Board is flush to the outside and bottom edges of each (0349). Attach using 4 (S2) #8 x 1-1/2" Wood Screws.

C: 7-3/4" down from the top of both (0349) Rock Rails place 1 (0630) CE Rock Board, making sure the sides are flush to the outside edges of each (0349) Rock Rail. Attach using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 2.1)

D: In between the (0606) CE Access Board and (0630) CE Rock Board stagger 2 (0630) and 2 (0631) CE Rock Boards using 4 (S2) #8 x 1-1/2" Wood Screws per board. Placing them as shown in fig. 2.1, this will prevent rocks from forming a straight line. Make sure the boards are evenly spaced and do not exceed 2-3/8" between boards.

Fig. 2.2



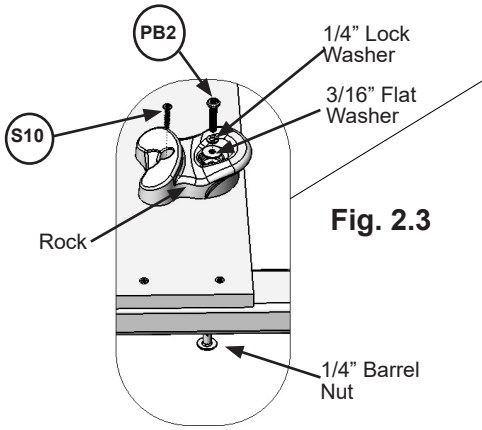


Fig. 2.3

E: Place 1 rock on each (0630) and (0631) CE Rock Board (fig. 2.2) and attach using 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and barrel nut) and 1 (S10) #8 x 1" Pan Screw per rock. The Screw must be in the hole directly under the Pan Bolt, it will stop the rock from spinning. (fig. 2.3)

Wood Parts	Hardware	Other Parts
1 x 0606 CE Access Board 1 x 6 x 19-3/4"	24 x S2 #8 x 1-1/2" Wood Screw	5 x Rocks (3 green/2 yellow)
3 x 0630 CE Rock Board 1 x 6 x 19-3/4"	5 x S10 #8 x 1" Pan Screw	
2 x 0631 CE Rock Board 1 x 6 x 19-3/4"	5 x PB2 1/4 x 1-1/4 Pan Bolt (1/4" lock washer, 3/16" flat washer & 1/4" barrel nut)	
2 x 0349 Rock Rail 2 x 3 x 51"		

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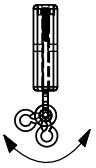
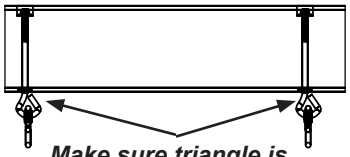
Step 3: Swing Beam Assembly

Fig. 3.4





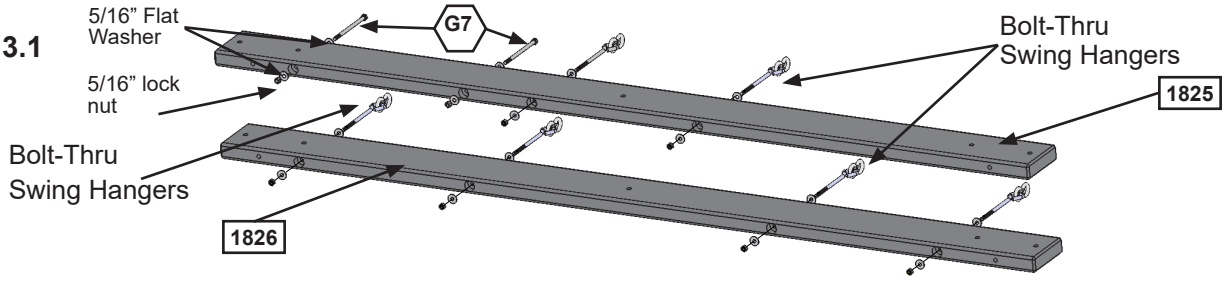
Make sure triangle is tight against beam

Warning: For your child's safety, orientate the swing hangers as shown to ensure your swing will have proper swing motion when installed. Failure to do so could result in premature failure of the swing hanger or swing chain.

A: In the middle holes of (1825) Back Beam install 2 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion. In the end holes install 2 (G7) 5/16 x 5-1/2" Hex Bolt (with 2 flat washers & lock nut) as shown in fig. 3.1

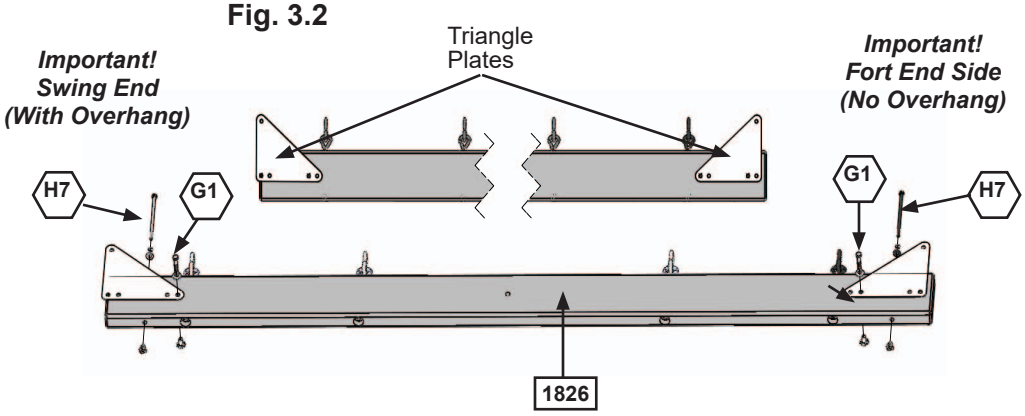
B: In the end holes of (1826) Front Beam install 4 Bolt-Thru Swing Hangers (fig. 3.1) making sure the swing hangers are oriented in the direction shown in fig. 3.4 to maintain proper swing motion.

Fig. 3.1



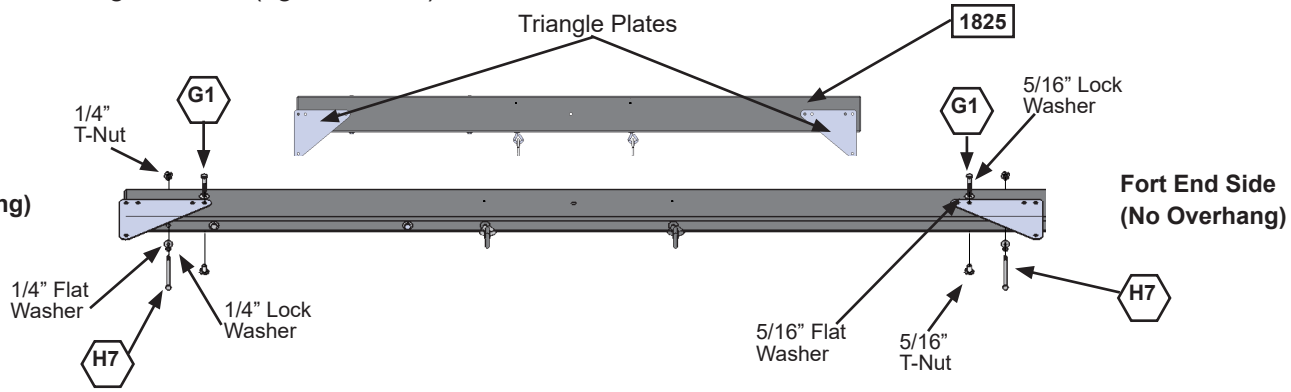
C: Attach 1 Triangle Plate to the ends of each (1826) Front Beam and (1825) Back Beam using 1 (G1) 5/16 x 1-1/2" Hex Bolt (with lock washer, flat washer and t-nut) in the hole indicated in fig. 3.2 & 3.3. **Correct hole usage is very important.**

Fig. 3.2



D: Attach 1 (H7) 1/4 x 5-1/2" Hex Bolt (with lock washer, flat washer and t-nut) to the ends of each (1826) Front Beam and (1825) Back Beam. The bolts do not attach to anything, but **MUST** be installed to the beams to prevent splitting and checking of wood. (fig. 3.2 & 3.3)

Fig. 3.3



Wood Parts

- 1 x 1826 **Front Beam 2 x 6 x 83-5/8"**
- 1 x 1825 **Back Beam 2 x 6 x 83-5/8"**

Hardware

- 4 x H7 **1/4 x 5-1/2" Hex Bolt (1/4" flat washer, 1/4" lock washer, 1/4" t-nut)**
- 4 x G1 **5/16 x 1-1/2" Hex Bolt (5/16" flat washer, 5/16" lock washer, 5/16" t-nut)**
- 2 x G7 **5/16 x 5-1/2" Hex Bolt (5/16" flat washer x 2, 5/16" lock nut)**

Other Parts

- 1 x **Bolt-Thru Swing Hangers (pkg of 6)**
- 1 x **Triangle Plate (pkg of 4)**

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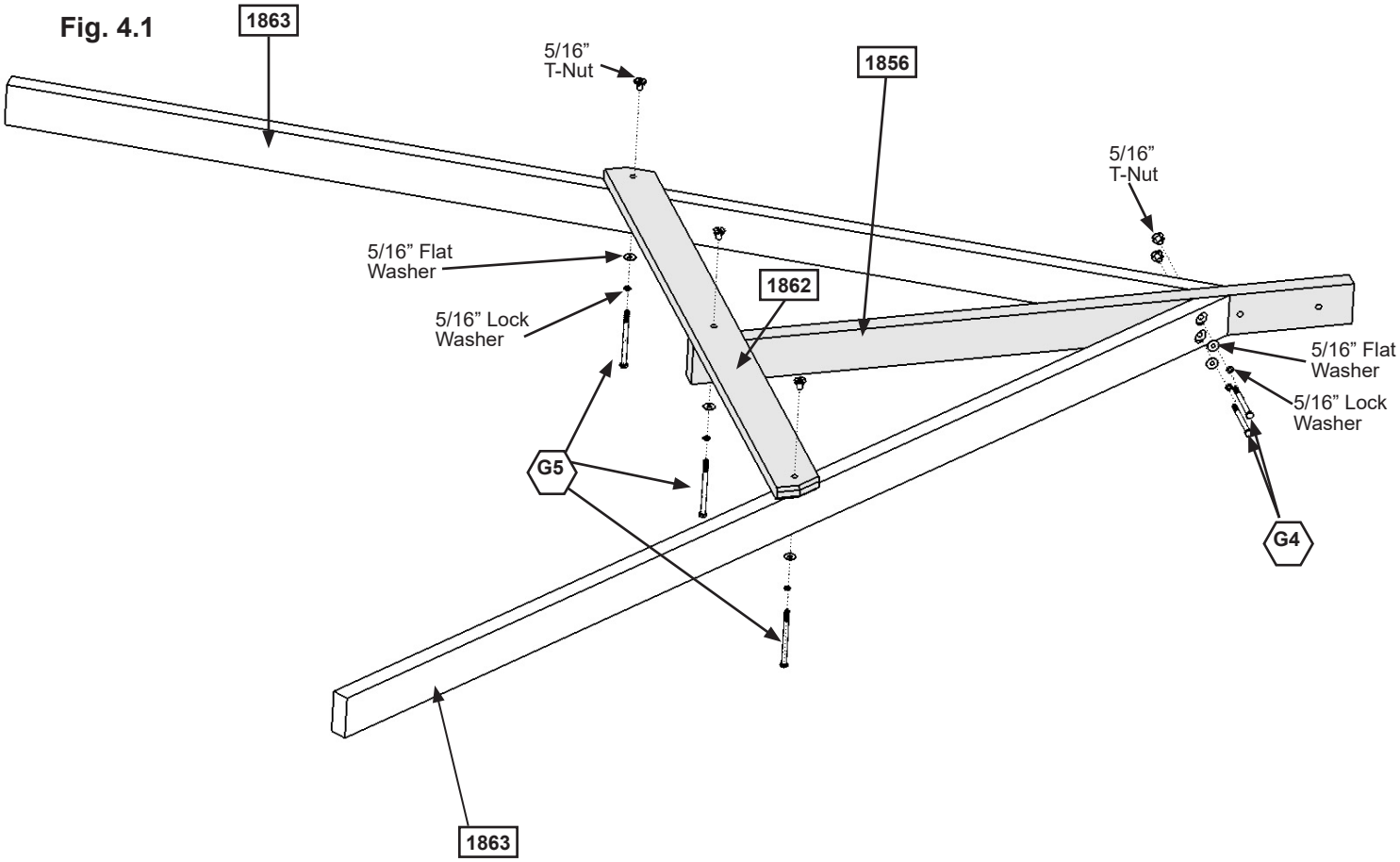
Step 4: Swing End Assembly

A: Attach 2 (1863) SW Posts to (1856) SW Upright using 2 (G4) 5/16 x 4” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

Fig. 4.1



B: Attach (1862) SW Support to both (1863) SW Posts and (1856) SW Upright using 3 (G5) 5/16 x 4-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 4.1)

Wood Parts	Hardware
2 x 1863 SW Post 2 x 4 x 86-11/16”	2 x G4 5/16 x 4” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)
1 x 1862 SW Support 5/4 x 4 x 46-1/2”	
1 x 1856 SW Upright 2 x 4 x 48-5/16”	3 x G5 5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)

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Step 5: Attach Swing End to Swing Beam

A: Place (4919) SW Rail Block in the centre between (1826) Front Beam and (1825) Back Beam and attach with 1 (H8) 1/4 x 4-1/4” Hex Bolt (with lock washer, flat washer and t-nut). (fig. 5.1 & 5.2)

Fig. 5.1

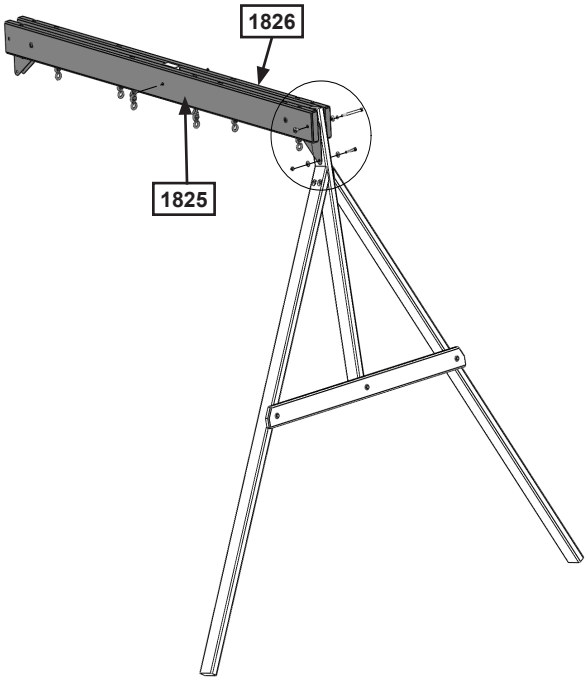
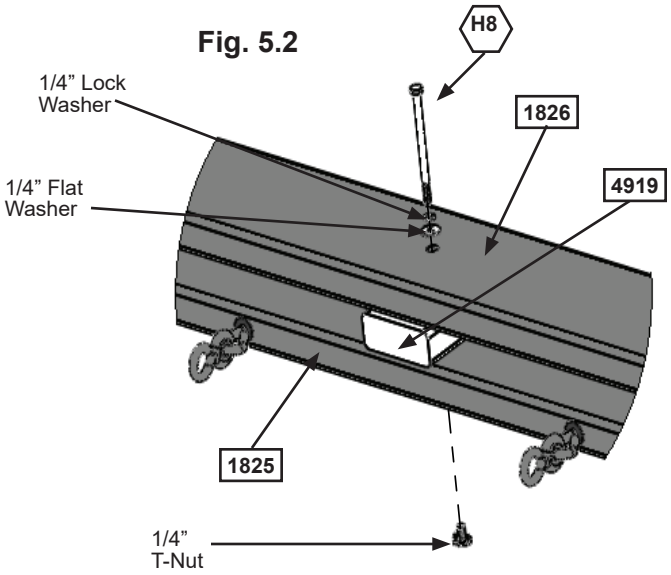


Fig. 5.2



B: Attach Swing Beam Assembly to the side of the Swing End Assembly with the overhang (fig. 5.3 & 5.4) using 1 (G5) 5/16 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut) in the top hole of Triangle Plate and 1 (G8) 5/16 x 2” Hex Bolt (with 2 flat washers and lock nut) in the bottom hole of Triangle Plate. (fig. 5.4) Make sure Swing End Assembly flares out at an angle. (fig. 5.3)

Fig. 5.3

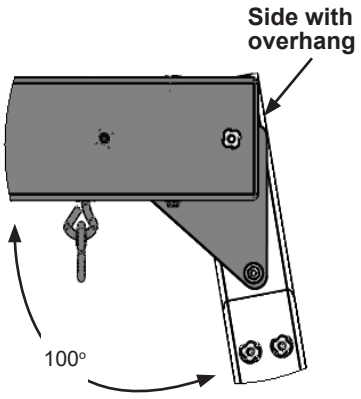
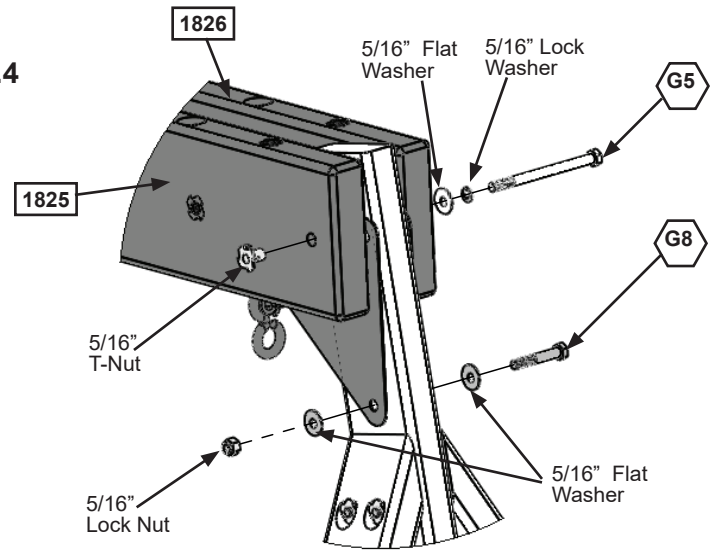


Fig. 5.4



Wood Parts

1 x 4919 **SW Rail Block 2 x 4 x 5-3/8”**

Hardware

1 x H8 **1/4 x 4-1/4” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**

1 x G5 **5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)**

1 x G8 **5/16 x 2” Hex Bolt (5/16” flat washer x2, 5/16” lock nut)**

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Step 6: Roof Assembly
Part 1

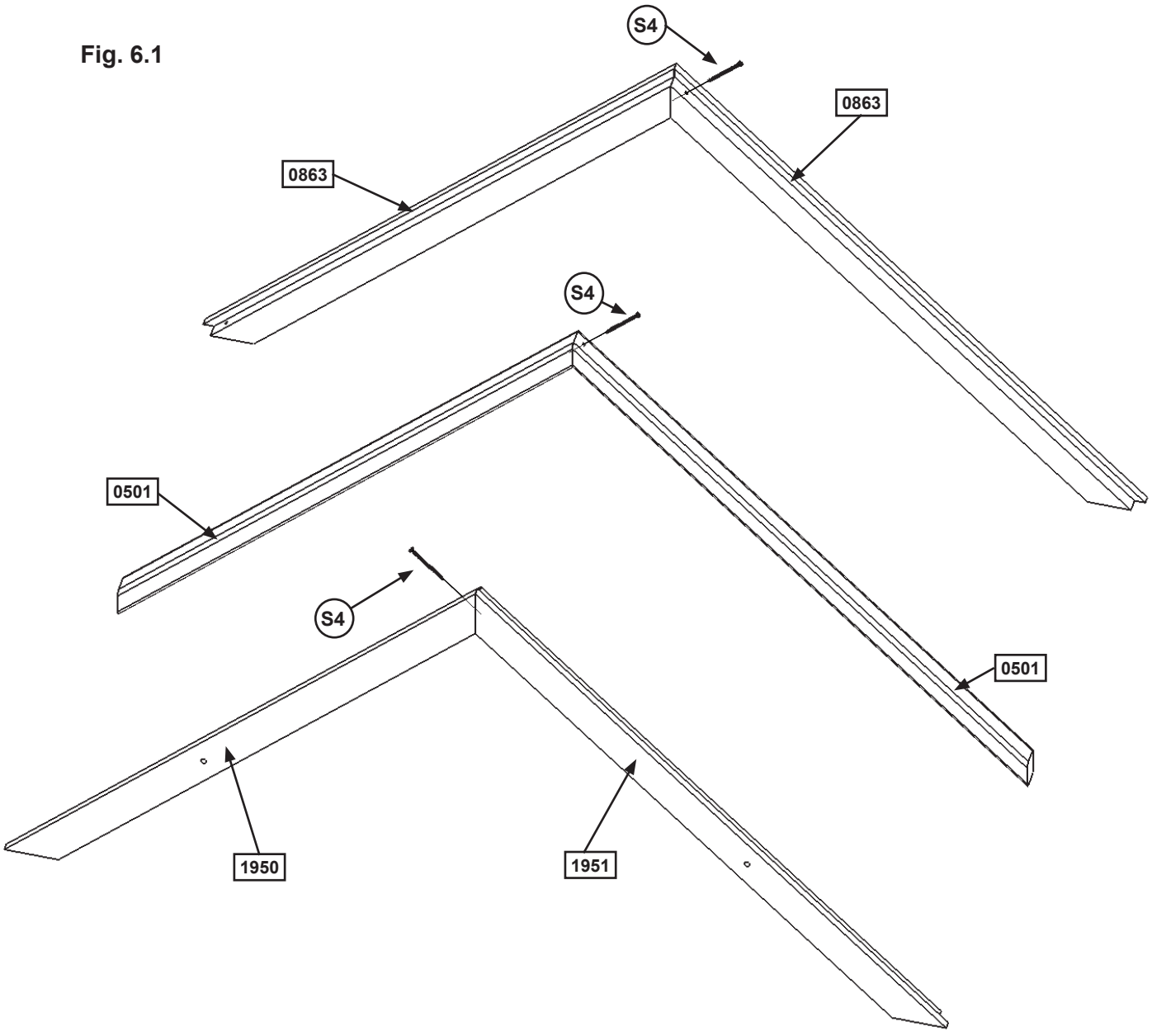
A: Attach 1 (0863) Roof Support to another at the peak using 1 (S4) #8 x 3” Wood Screw. (fig. 6.1)

B: Attach 1 (1950) Roof Support Left to 1 (1951) Roof Support Right at the peak using 1 (S4) #8 x 3” Wood Screw. (fig. 6.1)

C: Attach 1 (0501) Joist to another at the peak using 1 (S4) #8 x 3” Wood Screw. (fig. 6.1)

D: Place the Roof Supports and Joist Assemblies in the pattern shown in fig. 6.1. Once in the pattern check that the assemblies have the same angles.

Fig. 6.1



Wood Parts

- 2 x 0501 Joist 2 x 2 x 43-1/2”
- 2 x 0863 Roof Support 2 x 3 x 43-1/2”
- 1 x 1951 Roof Support Right 2 x 3 x 43-1/2”
- 1 x 1950 Roof Support Left 2 x 3 x 43-1/2”

Hardware

- 3 x S4 #8 x 3” Wood Screw

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Step 6: Roof Assembly
Part 2

D: Starting at the top of the Roof Support Assembly and working down attach 3 (0517) Cedar Roofing on one side of the Roof Supports and (0501) Joists with 3 (S0) #8 x 7/8" Truss Screws per board. (fig. 6.2) Be sure to overlap the Cedar Roofing as shown in fig. 16.3.

E: Repeat Step D for the other side of the Roof Support Assembly.

F: Drill a hole 1-1/2" above the factory drilled holes in 2 (0517) Cedar Roofing. Attach 1 (0517) Cedar Roofing at the bottom of the Roof Support Assembly on each side, making sure they are flush to each Roof Supports with 3 (S0) #8 x 7/8" Truss Screws. (fig. 6.2 and 6.4)

G: Evenly space and attach the remaining (0517) Cedar Roofing, leaving no gaps, with 3 (S0) #8 x 7/8" Truss Screws per board. There should be 13 (0517) Cedar Roofing per side. (fig. 6.2)

Fig. 6.2

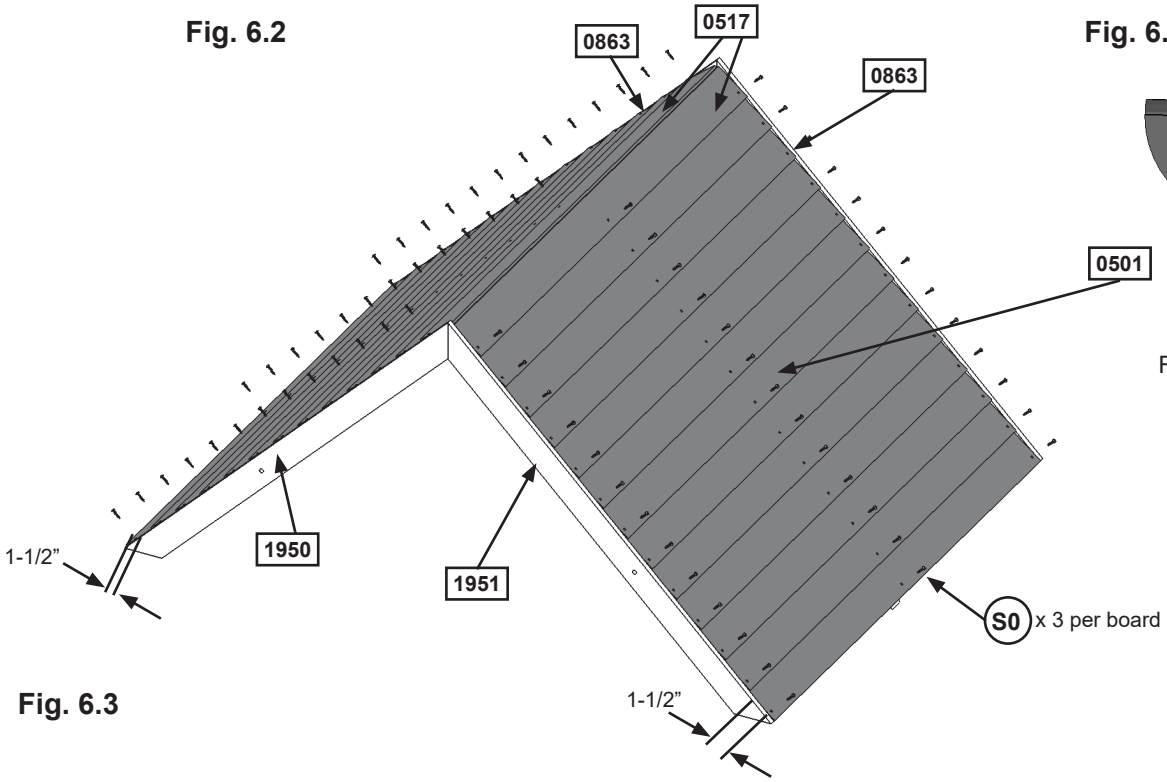


Fig. 6.4

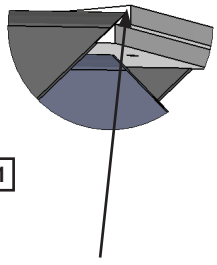
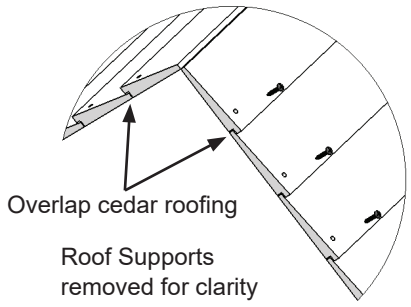


Fig. 6.3



Wood Parts

26 x 0517 Cedar Roofing 3/8 x 3-1/2 x 48"

Hardware

78 x S0 #8 x 7/8" Truss Screw

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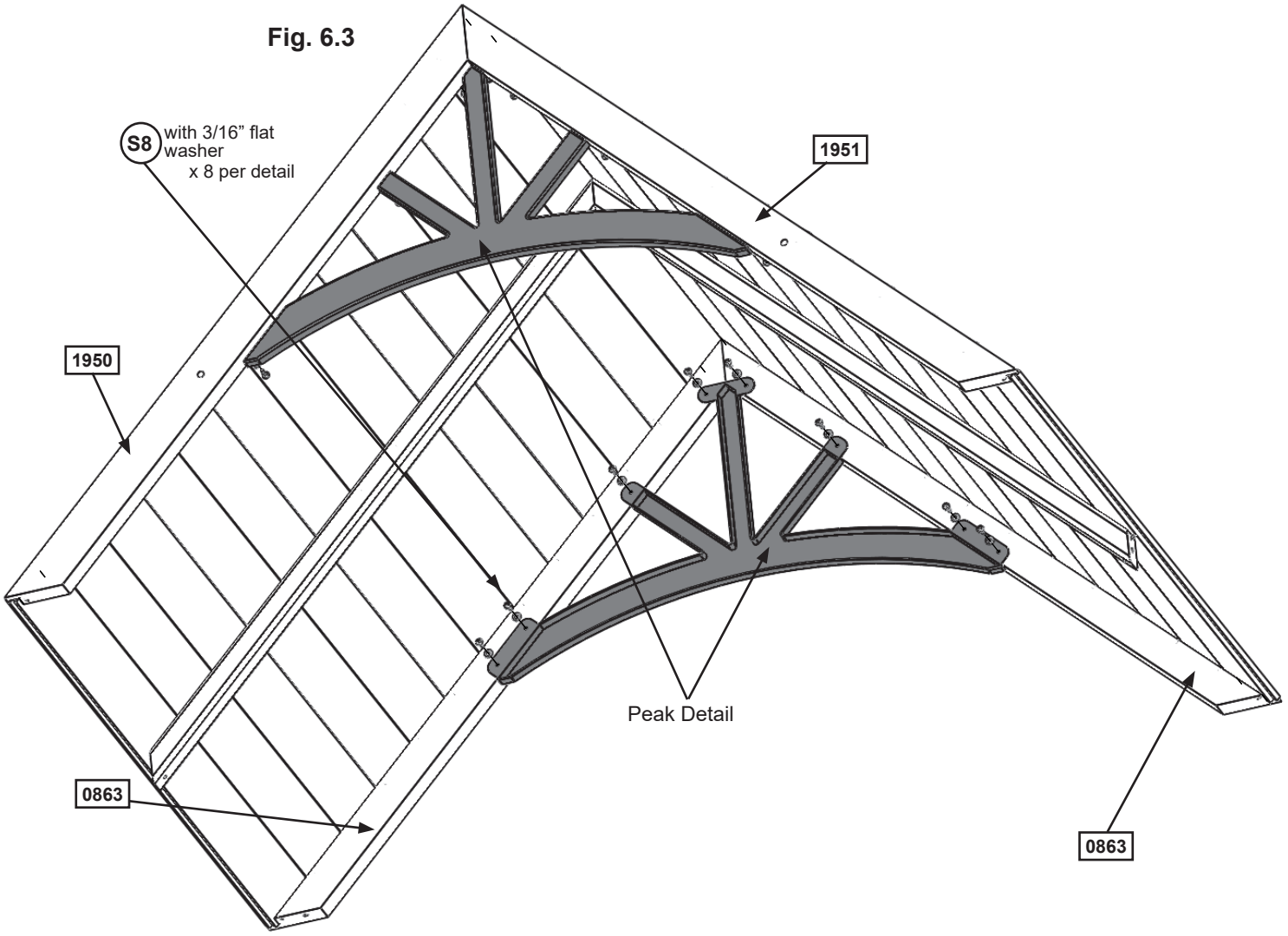
Step 6: Roof Assembly
Part 3

N: Place 1 Peak Detail - Green on each side of the Roof Assembly and attach to (0863) Roof Supports, (1950) Roof Support Left and (1951) Roof Support Right with 8 (S8) #12 x 3/4" Pan Screws (with 3/16" flat washer) per Peak Detail - Green as shown in fig. 6.3.

Fig. 6.3



Hardware

16 x (S8) #12 x 3/4" Pan Screw (3/16" flat washer)

Other Parts

1 x Peak Detail - Green (2pk)

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Step 7: Slide Wall Assembly

Note: Pre-drill all holes using a 1/8” drill bit before installing the lag screws.

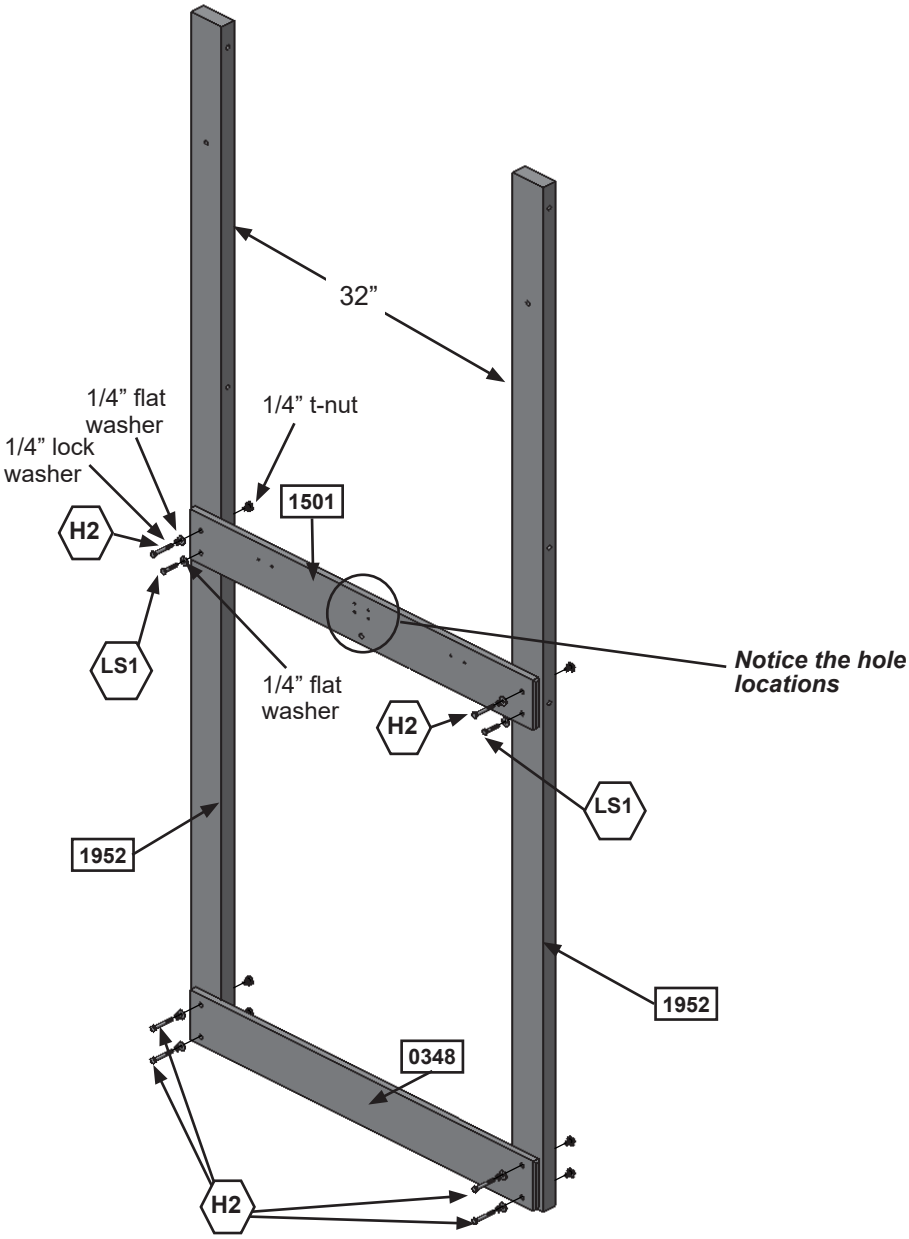
A: On the ground lay flat 2 (1952) Long Posts then attach (0348) SL Ground with 4 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut); and (1501) Floor End using 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the top holes as shown in fig. 7.1. **Keep bolts loose.**

B: Make sure the distance between posts is 32”. (fig. 7.1)

C: Make sure assembly is square and then fasten (1501) Floor End to (1952) Long Posts in the bottom holes using 2 (LS1) 1/4 x 1-1/2” Lag Screws (with flat washer). (fig. 7.1)

D: Tighten all bolts.

Fig. 7.1



Wood Parts

2 x 1952 **Long Post 2 x 4 x 92-3/8”**
1 x 1501 **Floor End 1 x 5 x 38-1/4”**
1 x 0348 **SL Ground 1 x 5 x 38-1/4”**

Hardware

6 x H2 **1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**
2 x LS1 **1/4 x 1-1/2” Lag Screw (1/4” flat washer)**

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Step 8: Swing Wall Assembly Part 1

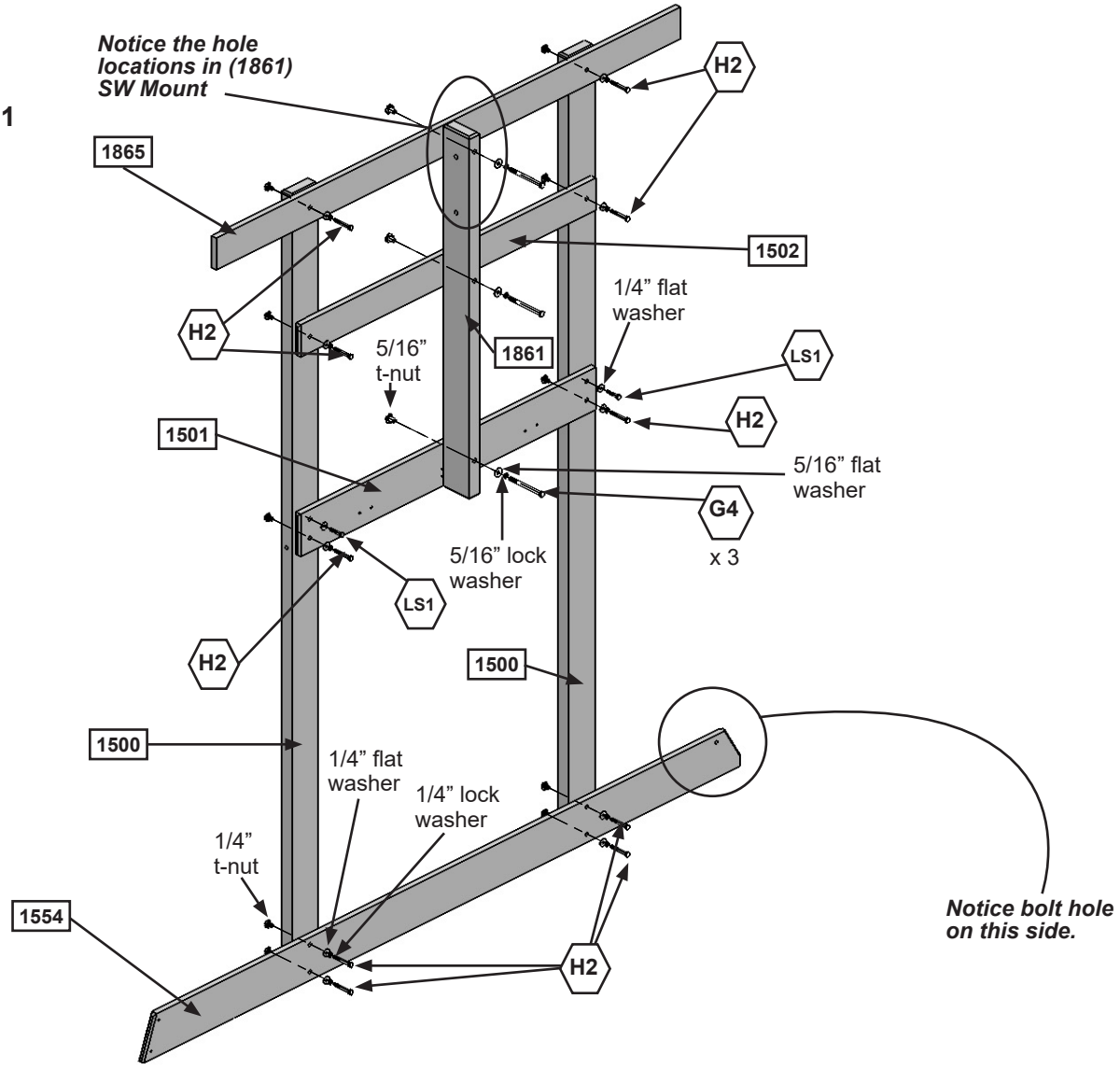
A: Attach (1554) SW Ground using 4 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut); (1501) Floor End (in the bottom holes), (1502) Wall Support and (1865) SW Roof Side using 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) for each board to two (1500) Posts. (fig. 8.1) **Note: Keep all bolts loose.**

B: Place (1861) SW Mount across (1501) Floor End, (1502) Wall Support and (1865) SW Roof Side then attach using 3 (G4) 5/16 x 4" Hex Bolts (with lock washer, flat washer and t-nut) as shown in fig. 8.1. Notice the side hole locations in (1861) SW Mount are towards the top of the board.

Note: Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

C: Make sure assembly is square and then fasten (1501) Floor End to (1500) Posts in the top holes using 2 (LS1) 1/4 x 1-1/2" Lag Screws (with flat washer). (fig. 8.1) **Tighten all (H2) 1/4 x 2" Hex Bolts.**

Fig. 8.1



Wood Parts

2 x	1500	Post 2 x 4 x 83"	1 x	1861	SW Mount 2 x 4 x 38-1/8"
1 x	1865	SW Roof Side 1 x 4 x 59-1/2"	1 x	1554	SW Ground 1 x 5 x 77"
1 x	1502	Wall Support 1 x 4 x 38-1/4"			
1 x	1501	Floor End 1 x 5 x 38-1/4"			

Hardware

10 x	H2	1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
3 x	G4	5/16 x 4" Hex Bolt (5/16" lock washer, 5/16" flat washer, 5/16" t-nut)
2 x	LS1	1/4 x 1-1/2" Lag Screw (1/4" flat washer)

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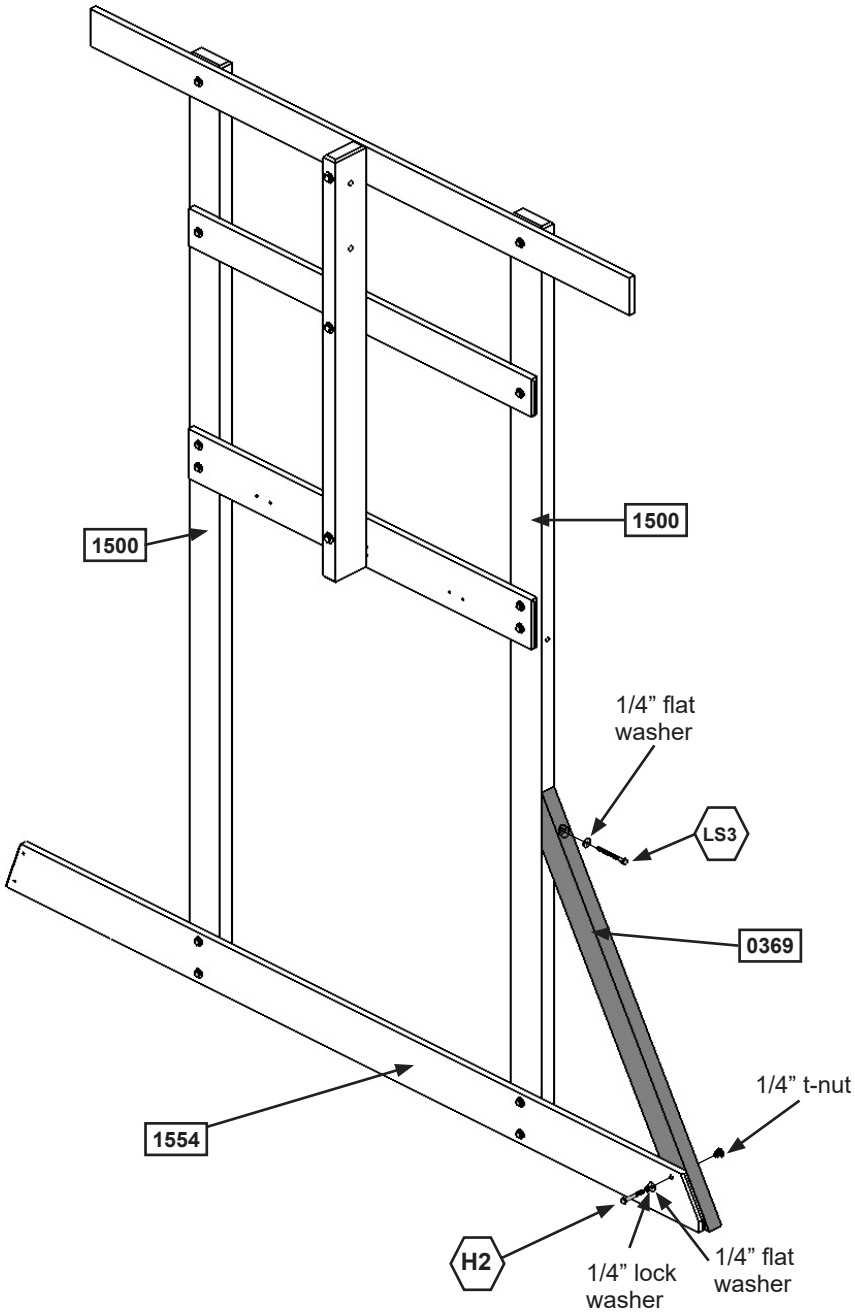
Step 8: Swing Wall Assembly Part 2

Note: Pre-drill all holes using a 1/8” drill bit before installing the lag screws.

D: Attach 1 (0369) Lower Diagonal to (1554) SW Ground with 1 (H2) 1/4 x 2” Hex Bolt (with lock washer, flat washer and t-nut) as shown in fig. 8.2.

E: Attach the other end of (0369) Lower Diagonal to (1500) Post with 1 (LS3) 1/4 x 3” Lag Screw (with flat washer). (fig. 8.2)

Fig. 8.2



Wood Parts

1 x 0369 **Lower Diagonal 2 x 3 x 37”**

Hardware

1 x H2 **1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**

1 x LS3 **1/4 x 3” Lag Screw (1/4”flat washer)**

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Step 9: Front Frame Assembly Part 1

A: On the front side of the assembly, attach (0799) Floor Back to (1500) Post and (1952) Long Post with 2 (H5) 1/4 x 4-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 9.1 and 9.2) The middle bolt hole should be towards the bottom.

B: Attach (1955) Divider to (0799) Floor Back with 1 (H1) 1/4 x 1-1/2” Hex Bolt (with lock washer, flat washer and t-nut). Notice the hole orientations in the boards. (fig. 9.2).

C: Attach (1955) Divider to 2 (1956) Front Wall and 1(1505) Front Top using 1 (PB2) 1/4 x 1-1/4” Pan Bolt (with lock washer, flat washer and t-nut) per board as shown in fig. 9.2.

D: Make sure (1505) Front Top is level and then attach to (1500) Post and (1952) Long Post using 4 (S7) #12 x 2” Pan Screws (with 3/16” flat washers). (fig. 9.2)

E: Make sure both (1956) Front Walls are level and then attach to (1952) Long Post using 2 (S2) #8 x 1-1/2” Wood Screws per board. (fig. 9.2)

Fig. 9.1

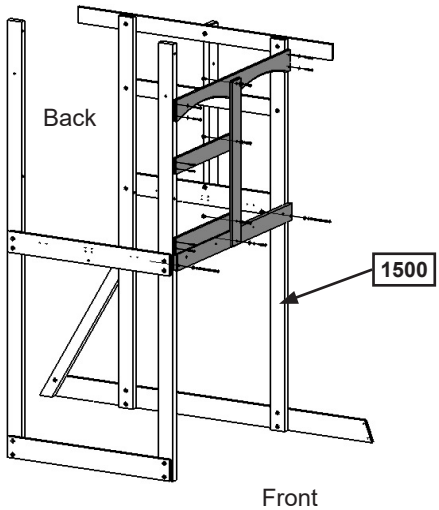
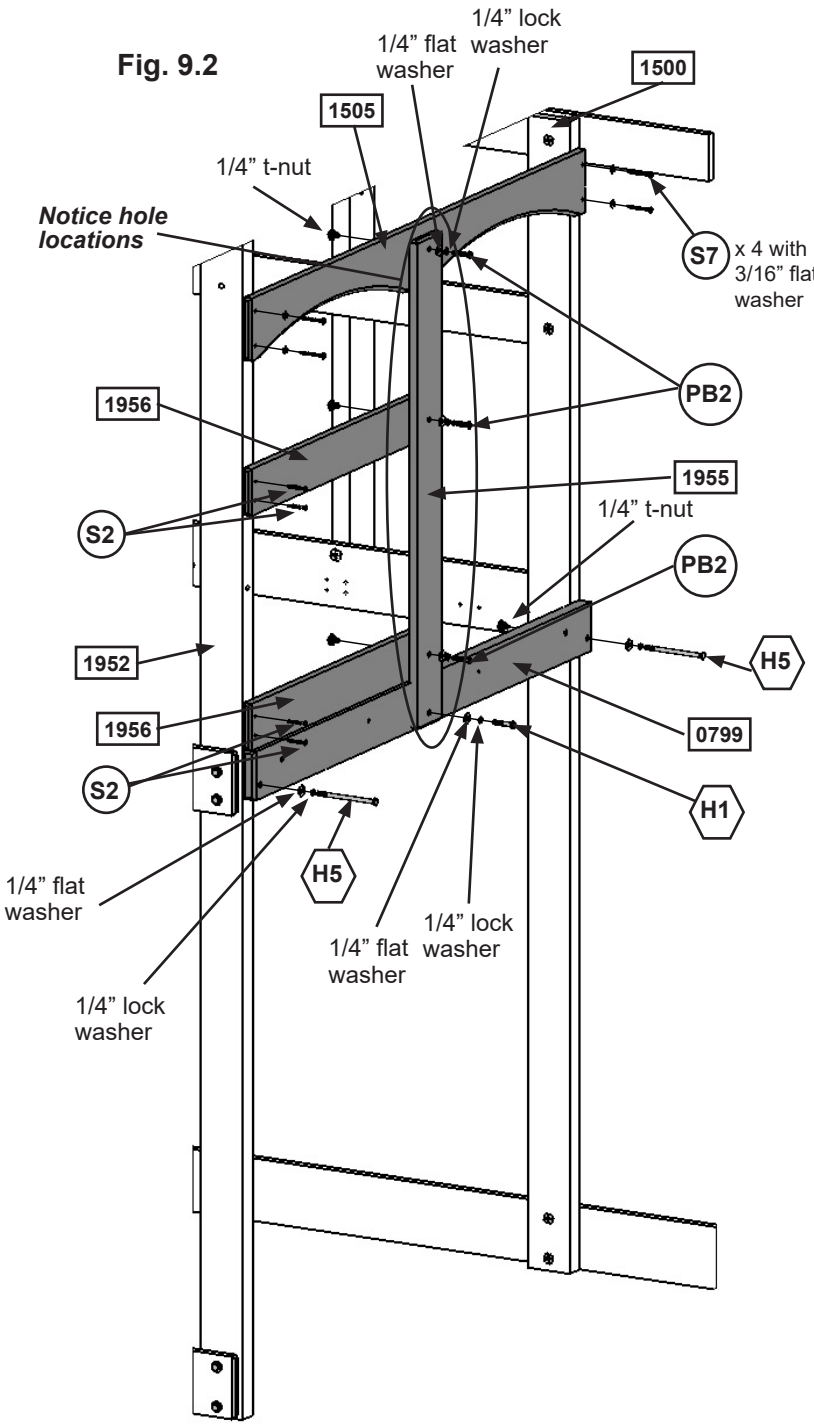


Fig. 9.2



Wood Parts

- 1 x 1505 Front Top 1 x 5 x 46-1/2”
- 1 x 1955 Divider 1 x 4 x 35-3/16”
- 1 x 0799 Floor Back 5/4 x 4 x 46-3/4”
- 2 x 1956 Front Wall 1 x 4 x 25”

Hardware

- 2 x H5 1/4 x 4-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 1 x H1 1/4 x 1-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)
- 4 x S2 #8 x 1-1/2” Wood Screw
- 4 x S7 #12 x 2” Pan Screw (3/16” flat washer)
- 3 x PB2 1/4 x 1-1/4” Pan Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

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Step 9: Front Frame Assembly Part 2

Note: Pre-drill all holes using a 1/8” drill bit before installing the lag screws.

F: Square and then attach (0351) Front Back to the bottom of (1500) Post and (1952) Long Post with 2 (LS3) 1/4 x 3” Lag Screws (with flat washer) in the top (pre-drilled) holes and 2 (S7) #12 x 2” Pan Screws (with 3/16” flat washers) in the bottom holes, as shown in fig. 9.3 and 9.4.

Fig. 9.3

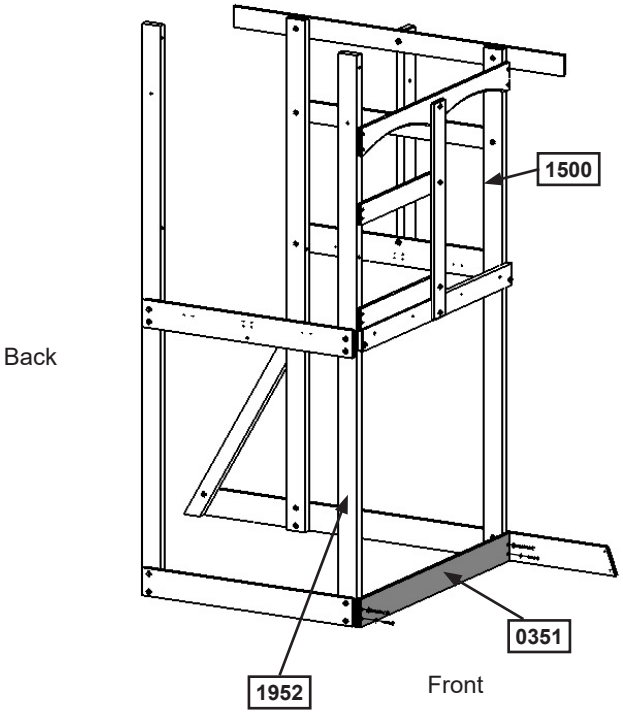
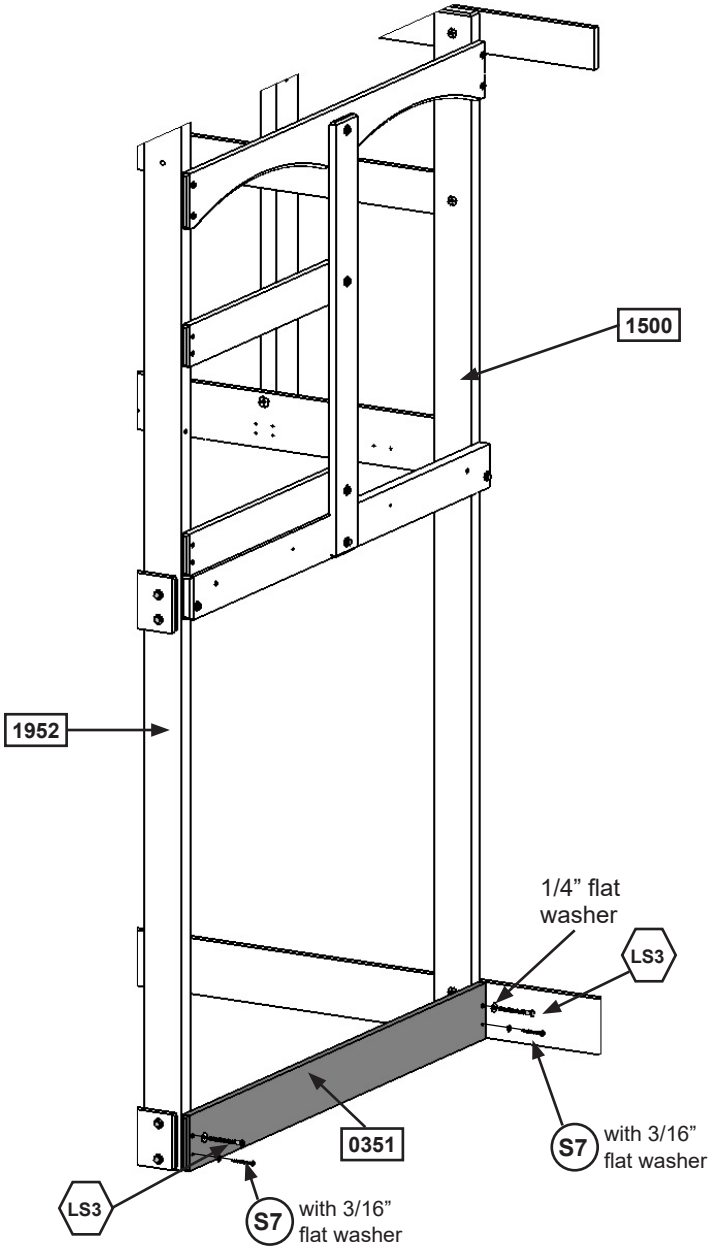


Fig. 9.4



Wood Parts

1 x 0351 **Front Back 1 x 5 x 46-5/8”**

Hardware

2 x LS3 **1/4 x 3” Lag Screw (1/4” flat washer)**

2 x S7 **#12 x 2” Pan Screw (3/16” flat washer)**

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Step 10: Back Frame Assembly

A: On the back side of the assembly, attach (1953) Back Floor to (1500) Post and (1952) Long Post with 2 (H4) 1/4 x 4" Hex Bolts (with lock washer, flat washer and t-nut) in the bottom holes. Make sure the assembly is square, then install 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washers) in the top holes. (fig. 10.1 and 10.2) The middle bolt hole should be towards the top.

B: Attach (1958) Back Divider to (1953) Back Floor, (0358) Top Front Back and (1505) Front Top with 1 (PB2) 1/4 x 1-1/4" Pan Bolt (with lock washer, flat washer and t-nut) per board. (fig. 10.2).

C: Make sure (1505) Front Top and (0358) Top Front Back are level and then attach to (1500) Post and (1952) Long Post using 4 (S7) #12 x 2" Pan Screws (with 3/16" flat washers) per board. (fig. 10.2)

Note: Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

D: Square assembly and then attach (0351) Front Back to the bottom of (1500) Post and (1952) Long Post with 2 (LS3) 1/4 x 3" Lag Screws (with flat washer) in the top (pre-drilled) holes and 2 (S7) #12 x 2" Pan Screws (with 3/16" flat washers) in the bottom holes, as shown in fig. 10.2.

Fig. 10.2

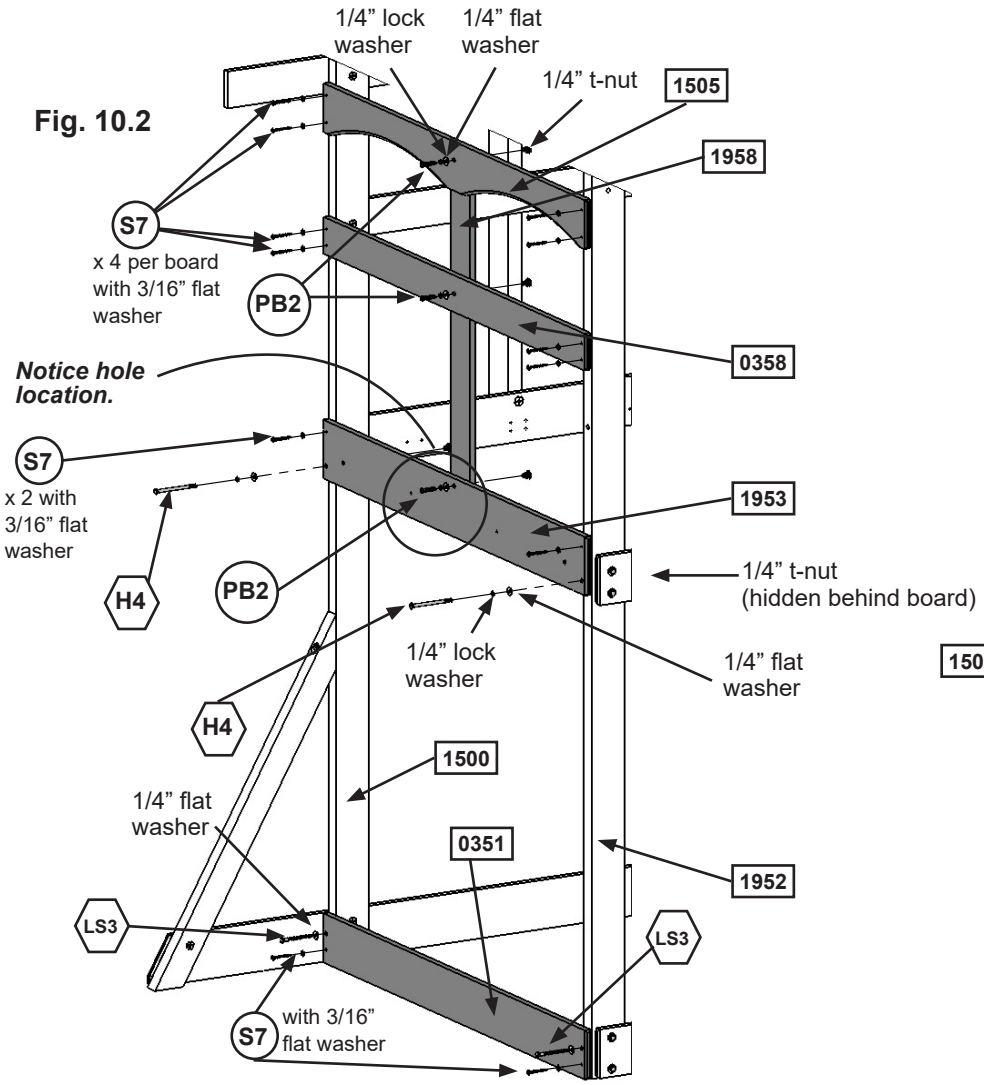
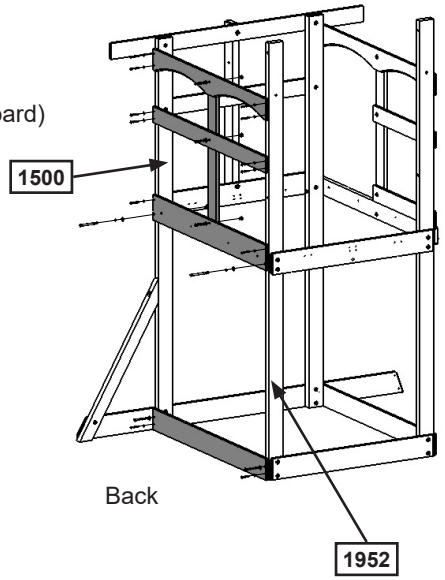


Fig. 10.1



Wood Parts

- 1 x 1505 **Front Top 1 x 5 x 46-1/2"**
- 1 x 1958 **Back Divider 1 x 4 x 31-3/4"**
- 1 x 0358 **Top Front Back 1 x 4 x 46-1/2"**
- 1 x 1953 **Back Floor 1 x 6 x 46-3/4"**
- 1 x 0351 **Front Back 1 x 5 x 46-5/8"**

Hardware

- 2 x H4 **1/4 x 4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**
- 2 x LS3 **1/4 x 3" Lag Screw (1/4" flat washer)**
- 12 x S7 **#12 x 2" Pan Screw (3/16" flat washer)**
- 3 x PB2 **#1/4 x 1-1/4" Pan Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

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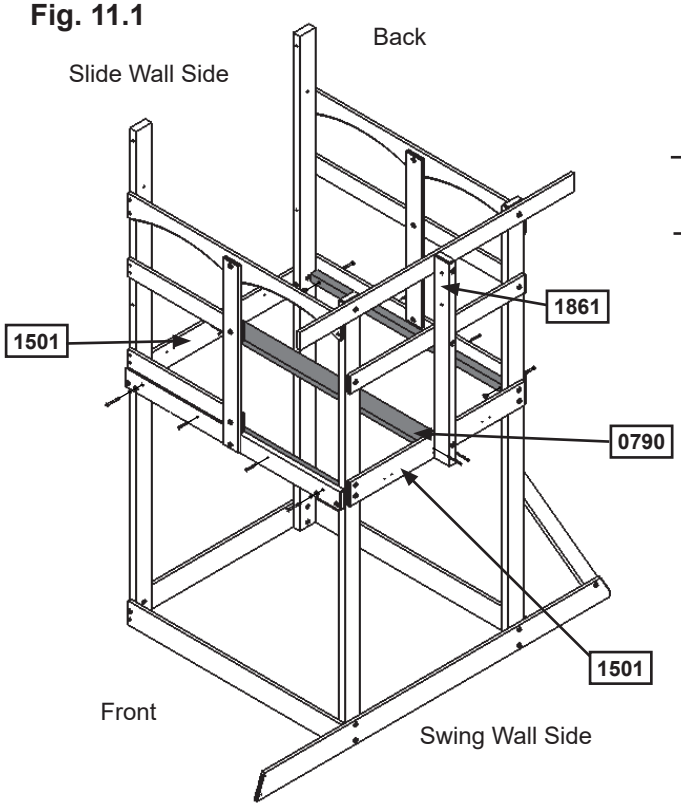
Step 11: Attach Floor and Side Joists Part 1

A: Loosen the top bolt and remove the bottom bolt in (1861) SW Mount. Do not discard this bolt, you will re-install it after the (0790) Floor Joist is attached. (fig. 11.1 and 11.2)

B: From inside of the assembly, measure 2” down from the top of the (1501) Floor End on the Swing Wall Side (fig. 11.3) and 1/2” down from the top of the (1501) Floor End on the Slide Wall Side (fig. 11.4) and then attach (0790) Floor Joist to each board in the top pilot holes with 2 (S4) #8 x 3” Wood Screws per end. (fig.11.1 and 11.2)

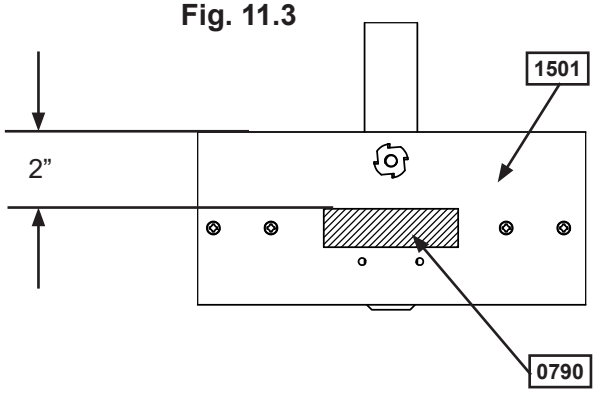
C: Re-install the bolt in (1861) SW Mount and tighten both bolts. (fig. 11.2)

Fig. 11.1



Swing Wall Side

Fig. 11.3



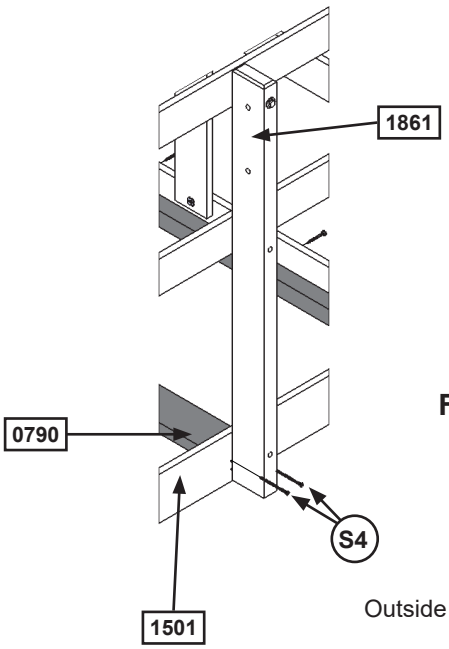
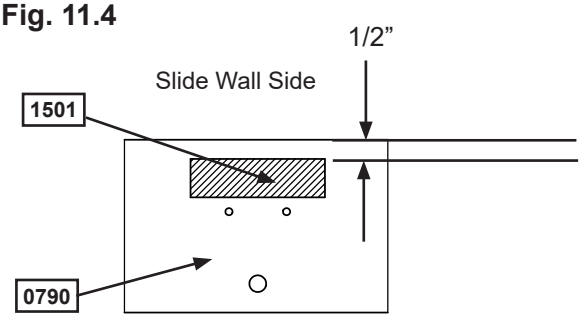


Fig. 11.2

Outside Fort View

Fig. 11.4



Wood Parts

1 x 0790 Floor Joist 5/4 x 4 x 46-1/2”

Hardware

4 x S4 #8 x 3” Wood Screw

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Step 11: Attach Floor and Side Joists Part 2

D: On the front of the assembly attach (0795) Side Joist to the inside of (0799) Floor Back with 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut) in the outside holes and 2 (S7) #12 x 2” Pan Screws in the inside holes as shown in fig. 11.1 and 11.5.

E: On the back of the assembly attach (0795) Side Joist to the inside of (1953) Back Floor with 2 (H2) 1/4 x 2” Hex Bolts (with lock washer, flat washer and t-nut) in the outside holes and 2 (S7) #12 x 2” Pan Screws in the inside holes as shown in fig. 11.1 and 11.6.

Fig. 11.1

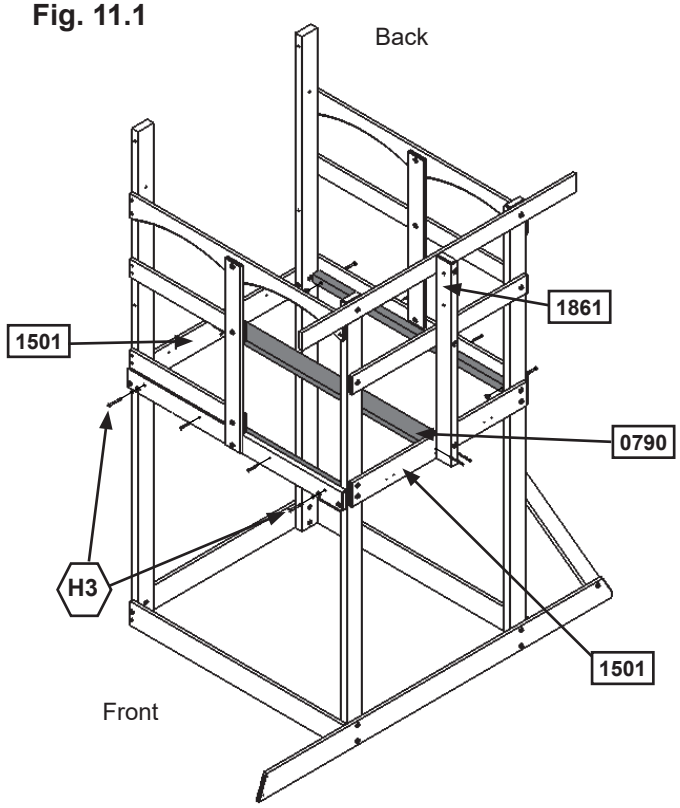


Fig. 11.6

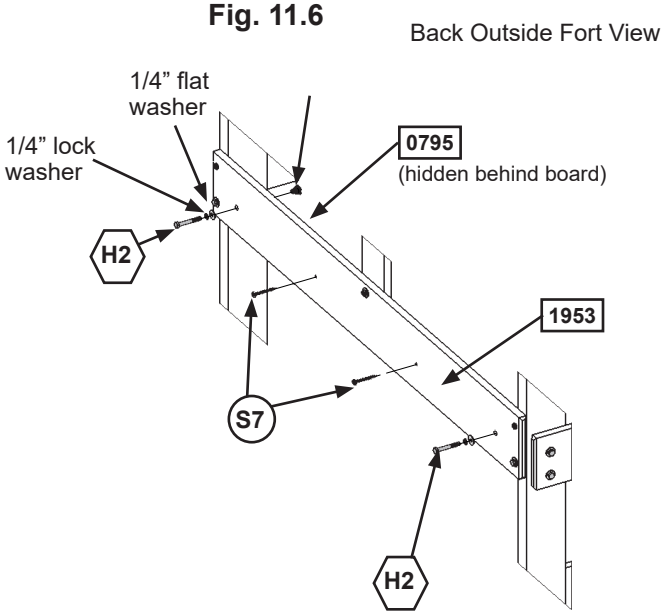
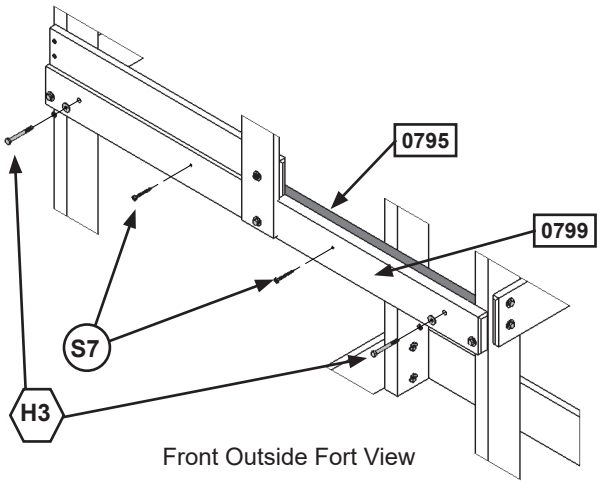


Fig. 11.5



Wood Parts

2 x [0795] Side Joist 2 x 2 x 43”

Hardware

2 x (H2) 1/4 x 2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

4 x (S7) #12 x 2” Pan Screw

2 x (H3) 1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

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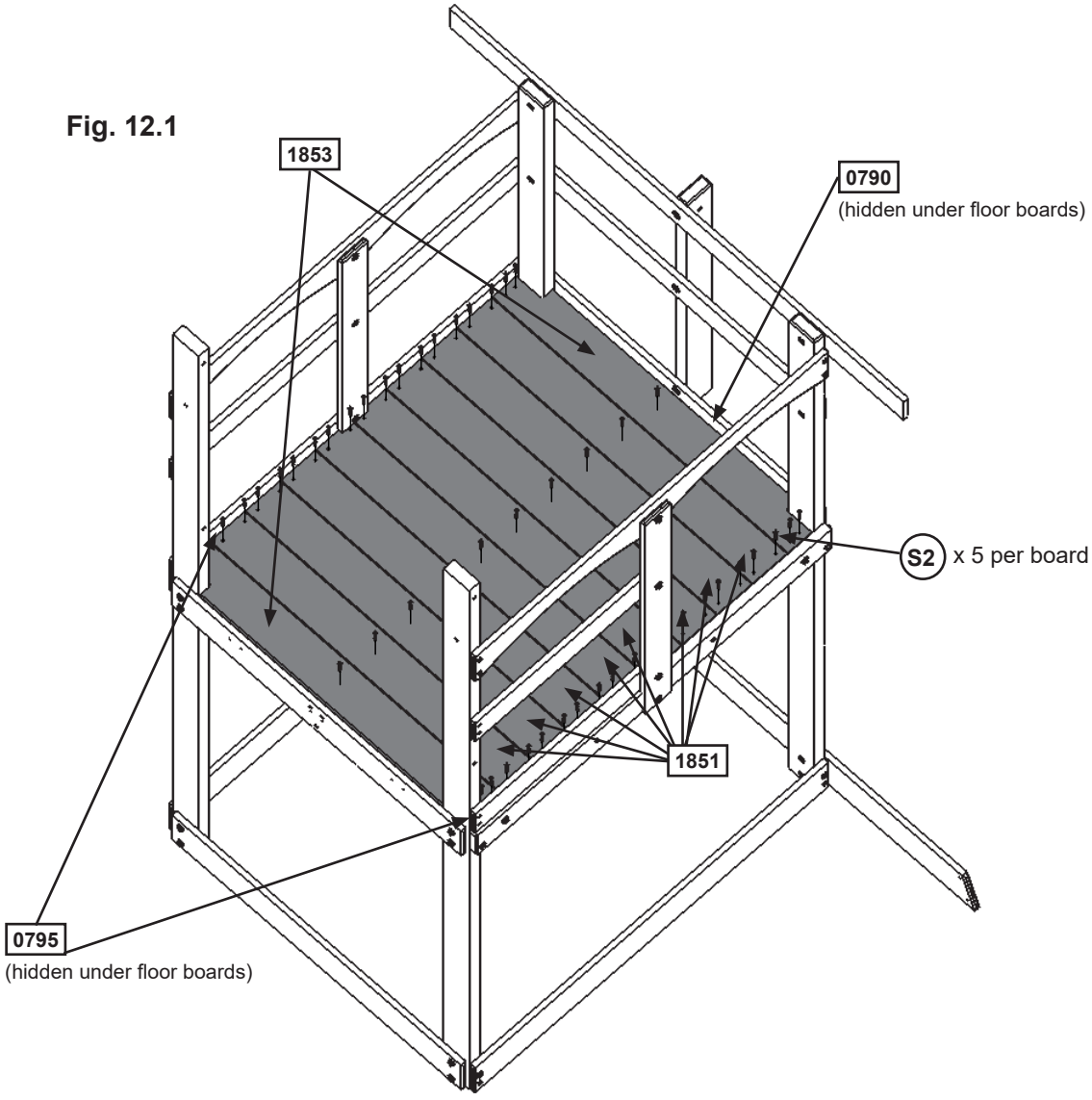
Step 12: Attach Gap and Floor Boards

A: Place 1 (1853) Cedar Gap Board at each end of the assembly. Then between (1853) Cedar Gap Boards place 8 evenly spaced (1851) Cedar Floor Boards. (fig. 12.1)

B: Attach all boards to (0795) Side Joists and (0790) Floor Joist with 5 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 12.1)

Fig. 12.1



Wood Parts

2 x 1853 Cedar Gap Board 1 x 5 x 38-3/4"

8 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"

Hardware

50 x S2 #8 x 1-1/2" Wood Screw

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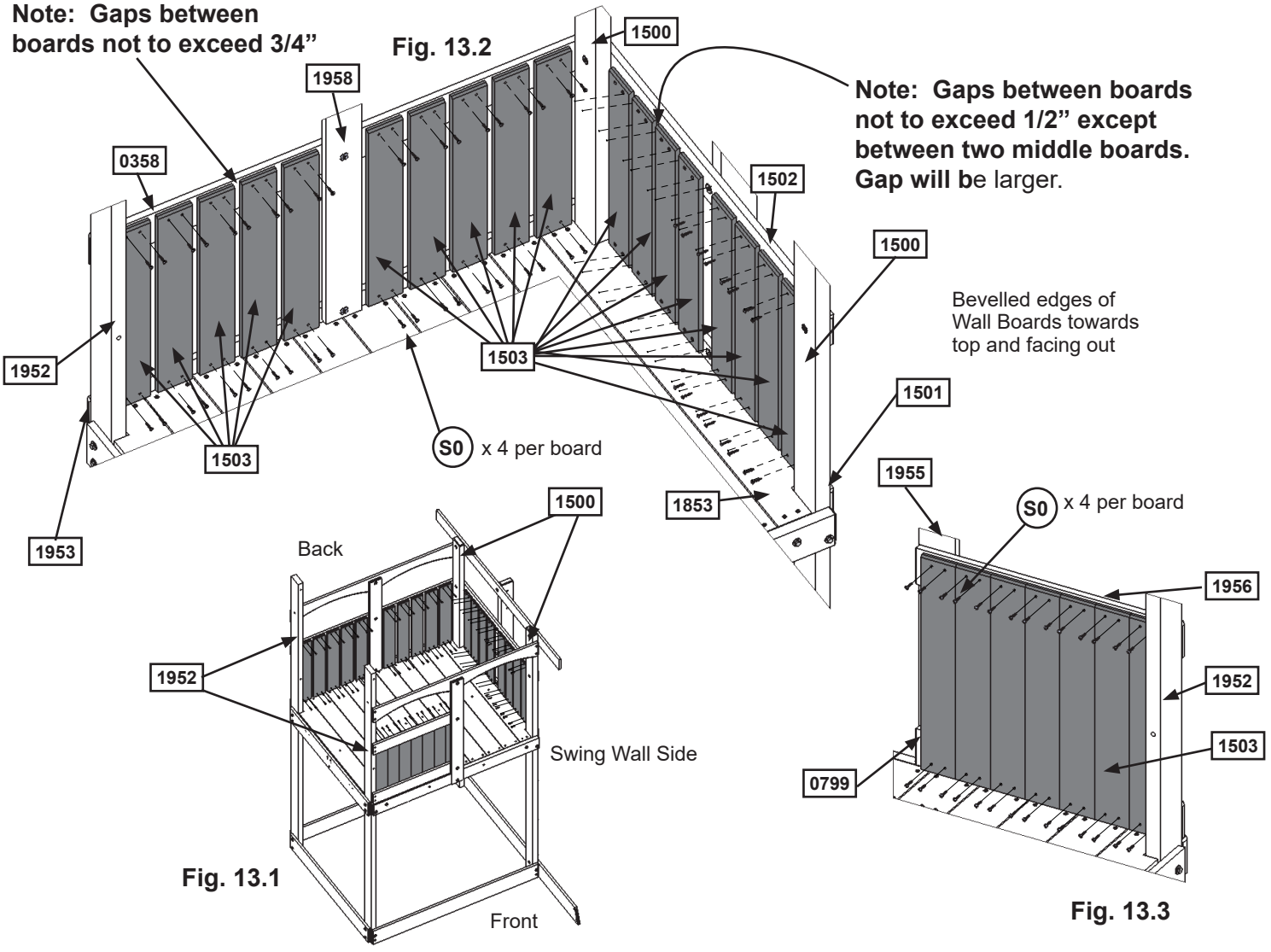
Step 13: Wall Assembly

A: Measure 1/2” from each (1500) Posts on Swing Wall side and attach 1 (1503) Wall Boards per side to (1501) Floor End and (1502) Wall Support using 4 (S0) #8 x 7/8” Truss Screws per board. Attach 3 more (1503) Wall Boards per side, with 1/2” gap between them. There should be 8 boards in total. Make sure the bottom of the boards are tight against (1853) Cedar Gap Board and bevelled edges facing up. The centre gap will not be 1/2”. (fig. 13.1 and 13.2)

B: On the back side of the assembly, on either side of (1958) Back Divider, attach 5 (1503) Wall Boards per side to (1953) Back Floor and (0358) Top Front Back using 4 (S0) #8 x 7/8” Truss Screws per board. Make sure the bottom of the boards are tight against the floor boards and bevelled edges facing up. The boards should be evenly spaced, but not to exceed 3/4”. (fig. 13.1 and 13.2)

C: On the front side of the assembly, in between (1952) Long Post and (1955) Divider, attach 7 (1503) Wall Boards to (0799) Floor Back and (1956) Front Wall using 4 (S0) #8 x 7/8” Truss Screws per board. Make sure the bottom of the boards are tight against the floor boards and bevelled edges facing up. (1503) Wall Boards should be tight to each other and tight to (1952) Long Post. (fig. 13.1 and 13.3)



Wood Parts

25 x [1503] Wall Board 1/2 x 4 x 20”

Hardware

100 x (S0) #8 x 7/8” Truss Screw

Step 14: Attach Cafe Canopy to Fort

A: Feed Cafe Canopy Frame through the pocket of the Cafe Canopy. (fig. 14.1)

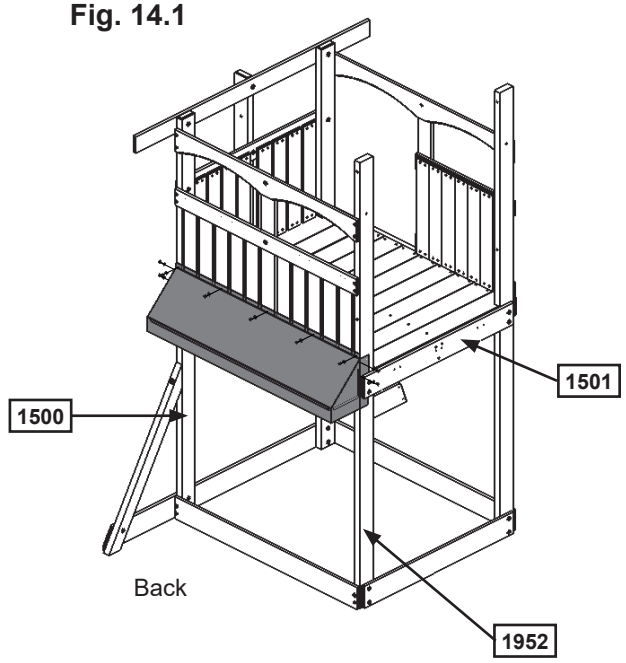
B: With a helper, hold the Cafe Canopy Frame against the (1500) Post and (1952) Long Post on the back side of the assembly. (fig. 14.1 and 14.3)

C: Attach Cafe Canopy Frame to both posts, tight to the bottom of (1953) Back Floor, with 1 (S6) #12 x 1" Pan Screw per side. (fig. 14.2)

D: Loosen the bolts in both (1501) Floor Ends and tuck the canopy in between (1501) Floor Ends and the posts. (fig. 14.3)

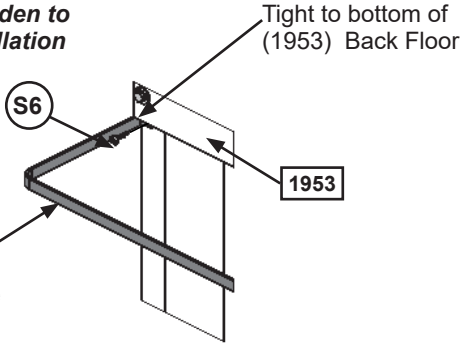
E: Make sure the Cafe Canopy is smooth and tight then attach to the side of each post with 2 (S5) #8 x 1/2" Pan Screws (with #8 flat washer) per side and on the front with 5 evenly spaced (S5) #8 x 1/2" Pan Screws (with #8 flat washer) to the posts and (1503) Wall Boards as shown in fig. 14.3.

Fig. 14.1



Note: Canopy hidden to show frame installation

Fig. 14.2



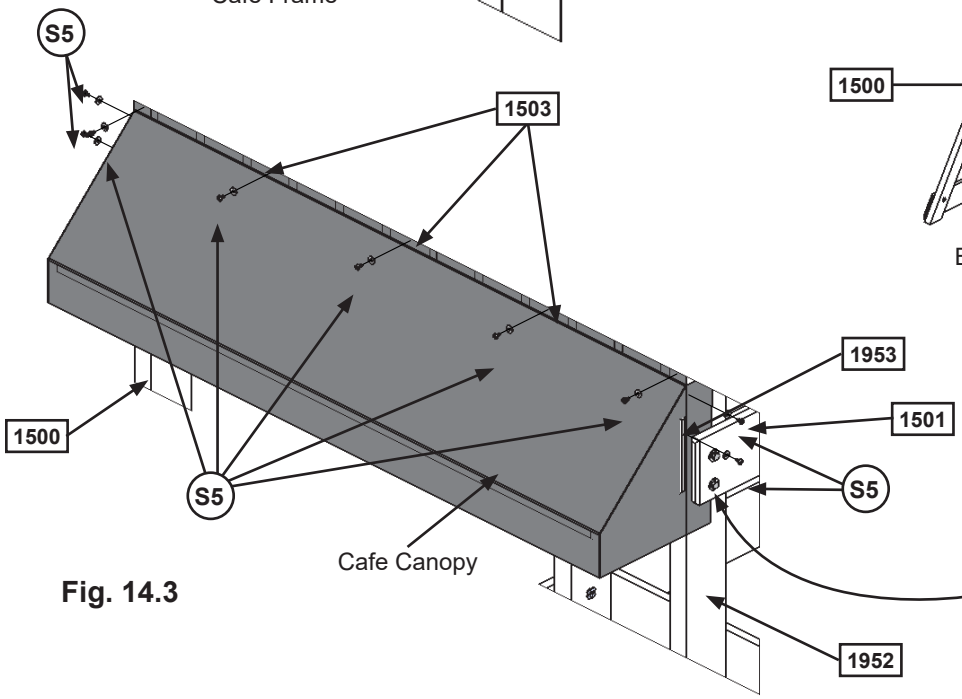


Fig. 14.3

Note: Loosen bolts and tuck canopy behind (1501) Floor end on both sides

Hardware		Other Parts
9 x (S5)	#8 x 1/2" Pan Screw (#8 flat washer)	1 x Cafe Canopy Frame
2 x (S6)	#12 x 1" Pan Screw	1 x Cafe Canopy

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Step 15: Attach Floor Gussets

Pre-drill all pilot holes using a 1/8" drill bit before installing the lag screws.

A: On the Swing Wall side place 1 (0367) Floor Gusset tight to the inside face of each (1500) Post, to the bottom of (1853) Cedar Gap Board and inside face of (1501) Floor End. (fig. 15.1 and 15.2)

B: Attach (0367) Floor Gussets to (1500) Posts with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) per gusset in the pre-drilled holes as shown in fig. 15.3.

C: Make sure assembly is square then attach each (0367) Floor Gusset to (1501) Floor End using 2 (S2) #8 x 1-1/2" Wood Screws per gusset. (fig. 15.3)

Fig. 15.1

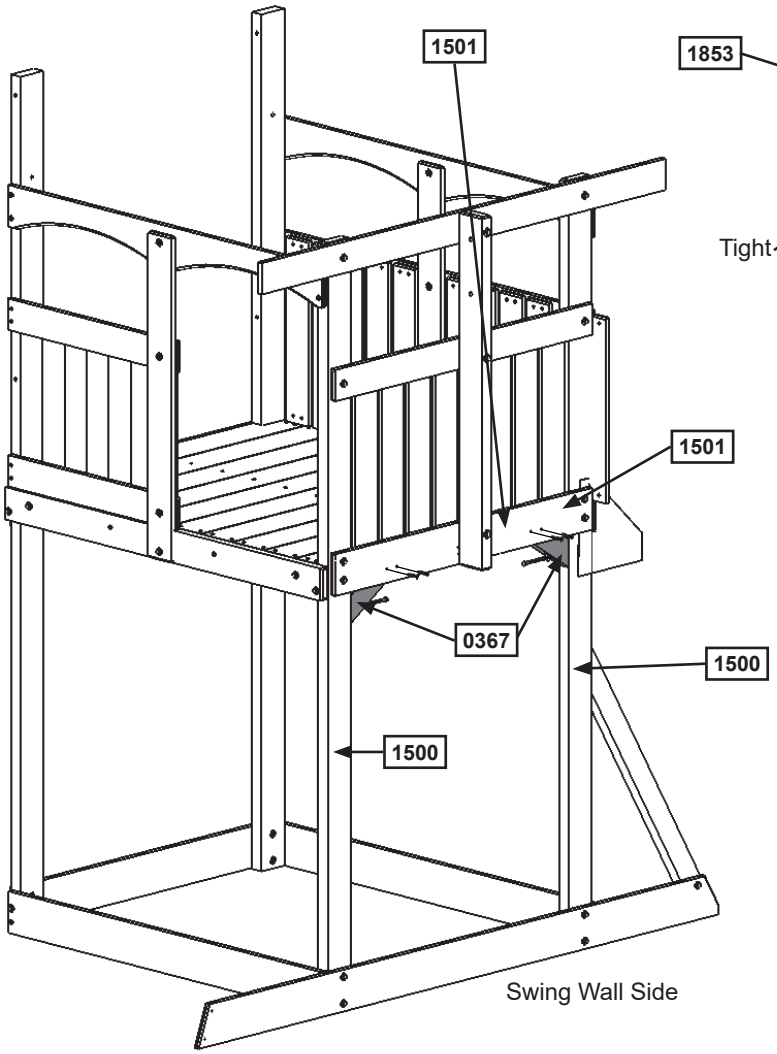


Fig. 15.2

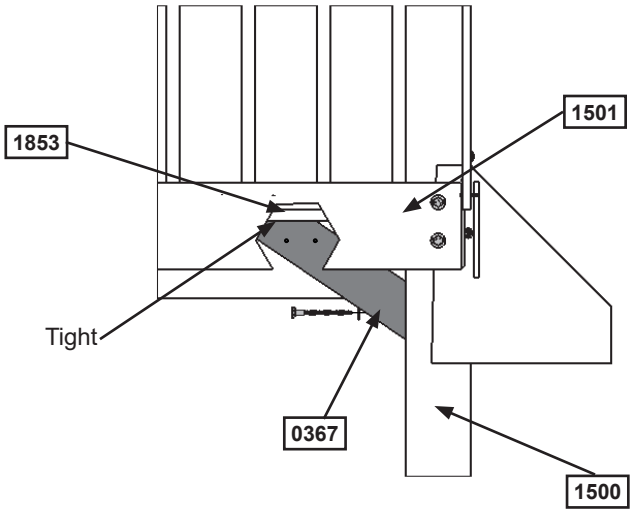
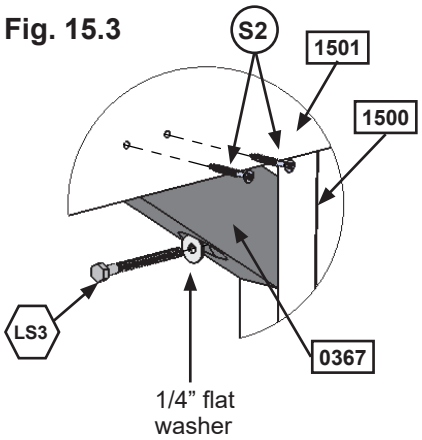


Fig. 15.3



Wood Parts

2 x 0367 **Floor Gusset 2 x 3 x 11"**

Hardware

2 x LS3 **1/4 x 3" Lag Screw (1/4" flat washer)**

4 x S2 **#8 x 1-1/2" Wood Screw**

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Step 16: Attach Gussets

A: On the back side of the assembly, from the inside of the fort, place 1 (1954) Gusset flush to the outside edge of (1500) Post and (1952) Long Post. The top of the gusset should be tight to (0795) Side Joist. (fig. 16.1 and 16.2)

B: Attach using 2 (S3) #8 x 2-1/2" Wood Screws in the inside holes and 2 (S2) #8 x 1-1/2" Wood Screws in the outside holes, per gusset, as shown in fig. 16.2.

Fig. 16.1

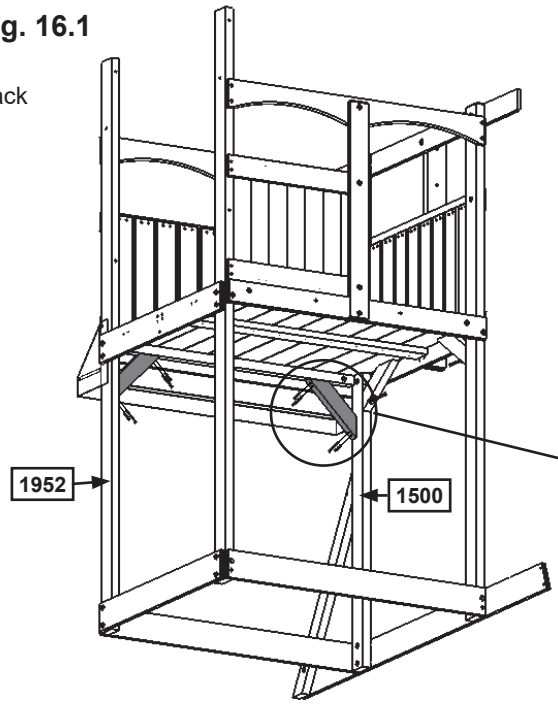
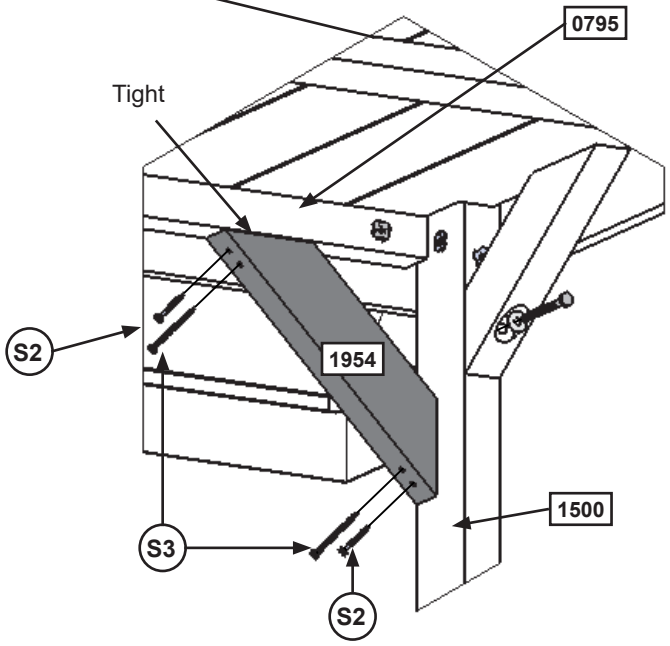


Fig. 16.2



Wood Parts

2 x 1954 Gusset 2 x 3 x 12"

Hardware

4 x S3 #8 x 2-1/2" Wood Screw

4 x S2 #8 x 1-1/2" Wood Screw

Step 17: Lower Cafe Wall Assembly Part 1

A: Remove the (LS3) 1/4 x 3” Lag Screw (with flat washer) from the top of (0369) Lower Diagonal and have a helper hold it to the left of the assembly while installing the lower Cafe Wall. (fig. 17.1 and 17.2)

B: Tight to top of (0351) Front Back and flush to the outside edges of (1500) Post and (1952) Long Post attach 1 (1801) Cedar Siding with 2 (S0) #8 x 7/8” Truss Screws as shown in fig. 17.2.

C: Install 4 more (1801) Cedar Siding directly above the first, attaching to both (1500) Post and (1952) Long Post with 2 (S0) #8 x 7/8” Truss Screws per board. (fig. 17.2)

D: Tight to the top (1801) Cedar Siding and flush ot the outside edges of (1500) Post and (1952) Long Post attach (1817) Wall Top with 4 (S7) #12 x 2” Pan Screws. (fig. 17.2)

E: Attach (1966) Table Top, with the angled edge flush to the front of (1817) Wall Top with 5 (S7) #12 x 2” Pan Screws as shown in fig. 17.2.

Fig. 17.1

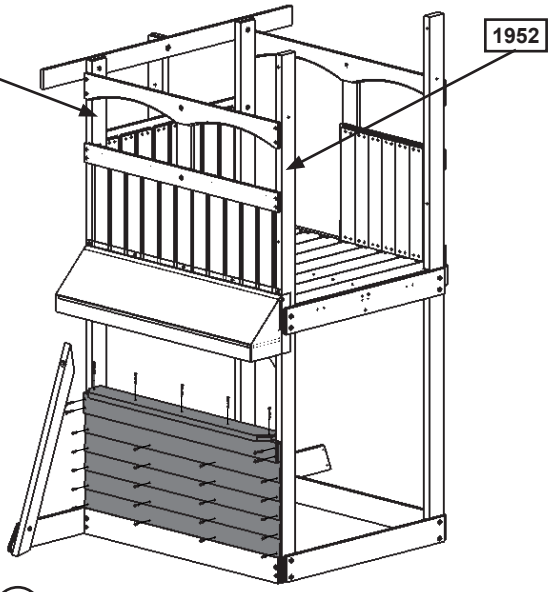
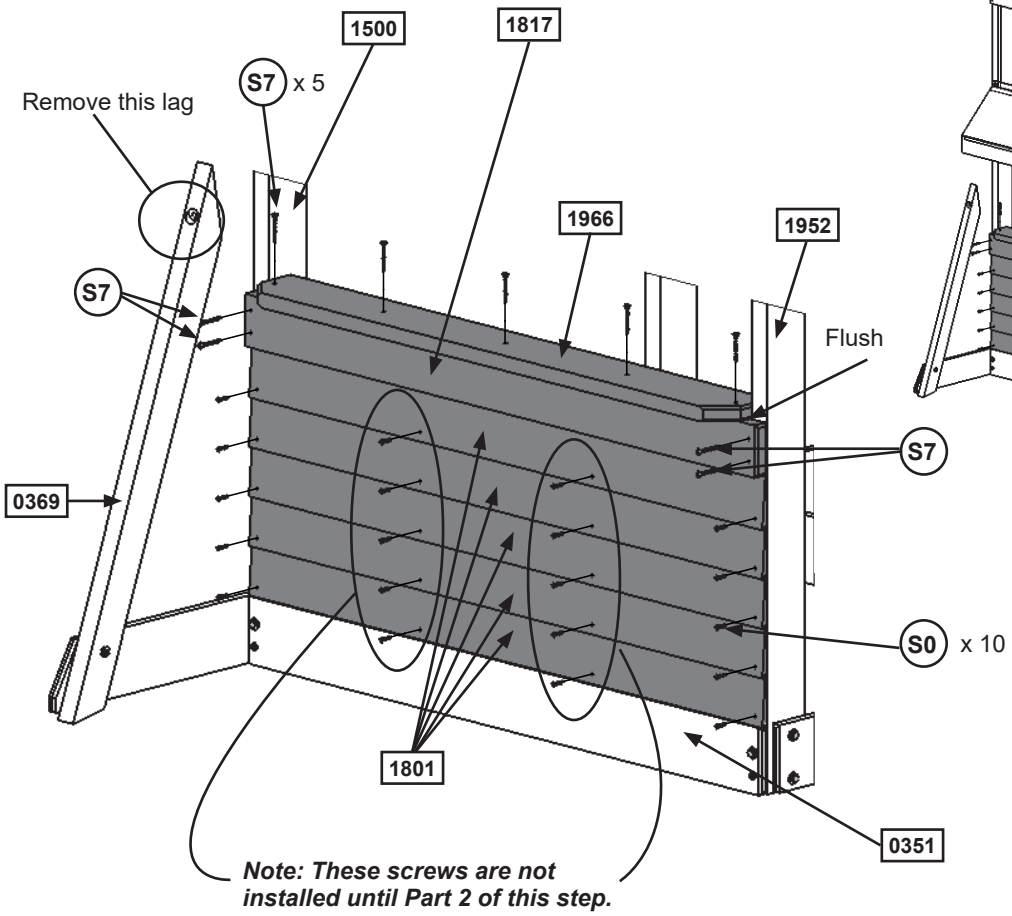


Fig. 17.2



Wood Parts

- 5 x 1801 Cedar Siding 3/8 x 3-1/2 x 46-5/8”
- 1 x 1817 Wall Top 5/4 x 4 x 46-5/8”
- 1 x 1966 Table Top 5/4 x 5 x 43-7/8”

Hardware

- 9 x S7 #12 x 2” Pan Screw
- 10 x S0 #8 x 7/8” Truss Screw

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Step 17: Lower Cafe Wall Assembly Part 2

F: From inside the assembly, centred over the pilot holes in (1801) Cedar Siding, attach 2 (1858) Short Wall Supports to (1817) Wall Top with 2 (S2) #8 x 1-1/2" Wood Screws, per board, and to (0351) Front Back with 2 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 17.3 and 17.4)

G: From the outside of the assembly attach (1801) Cedar Siding to each (1858) Short Wall Support with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 17.2)

H: Re-attach (0369) Lower Diagonal to (1500) Post with the previously removed (LS3) 1/4 x 3" Lag Screw (with flat washer).

I: Attach each (1858) Short Wall Support to (1966) Table Top with 2 Corner Braces using 3 (S5) #8 x 1/2" Pan Screws per brace as shown in fig. 17.4 and 17.5.

Fig. 17.3

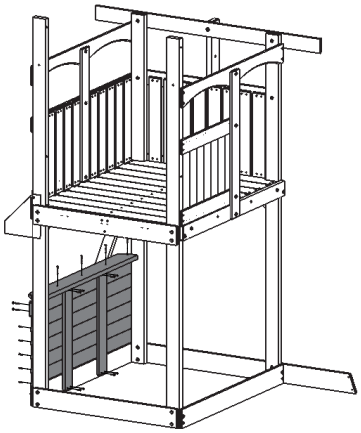


Fig. 17.2

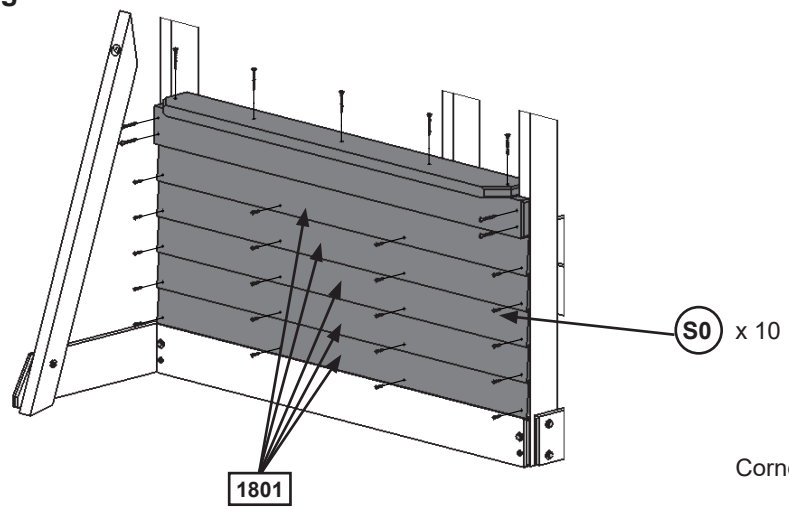


Fig. 17.4

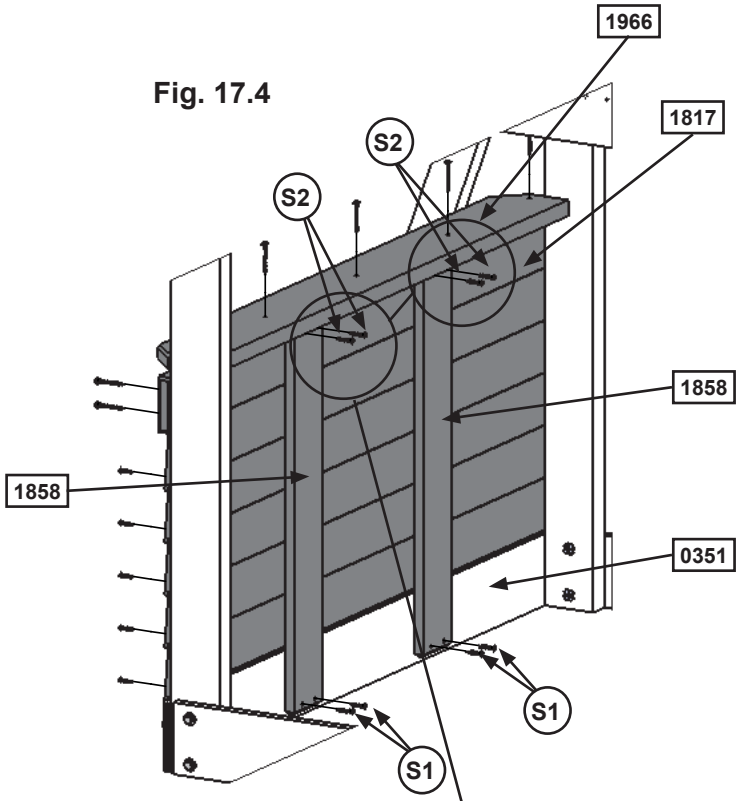
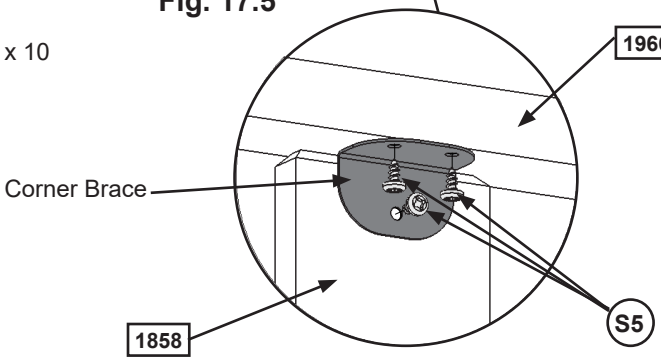


Fig. 17.5



Wood Parts	Hardware	Other Parts
2 x 1858 Short Wall Support 1 x 4 x 24-1/4"	10 x S0 #8 x 7/8" Truss Screw	2 x Corner Brace
	4 x S1 #8 x 1-1/8" Wood Screw	
	4 x S2 #8 x 1-1/2" Wood Screw	
	6 x S5 #8 x 1/2" Pan Screw	

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Step 18: Lower Swing Wall Assembly Part 1

A: Place 1 (1964) SW Wall Trim tight to the top of (1554) SW Ground, overhanging the outside edge of (1500) Post by 5/16”, on the Swing Wall side of the assembly. Attach to (1500) Post with 4 (S2) #8 x 1-1/2” Wood Screws. (fig. 18.1 and 18.2)

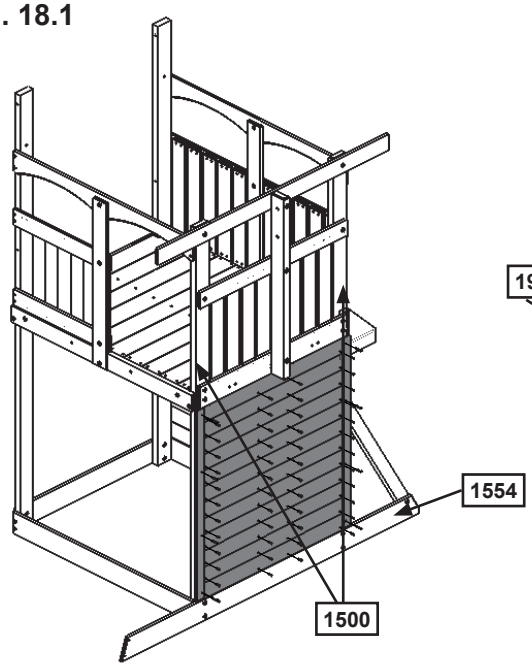
B: Tight to top of (1554) SW Ground and tight to (1964) SW Wall Trim attach (1852) CE Siding to both (1500) Posts with 2 (S0) #8 x 7/8” Truss Screws as shown in fig. 18.2.

C: Tight to bottom of (1501) Floor End and tight to (1964) SW Wall Trim attach (1852) CE Siding to both (1500) Posts with 2 (S0) #8 x 7/8” Truss Screws as shown in fig. 18.2.

D: Tight to (1852) CE Sidings and top of (1554) SW Ground attach 1 (1964) SW Wall Trim to (1500) Post with 4 (S2) #8 x 1-1/2” Wood Screws. (fig 18.2)

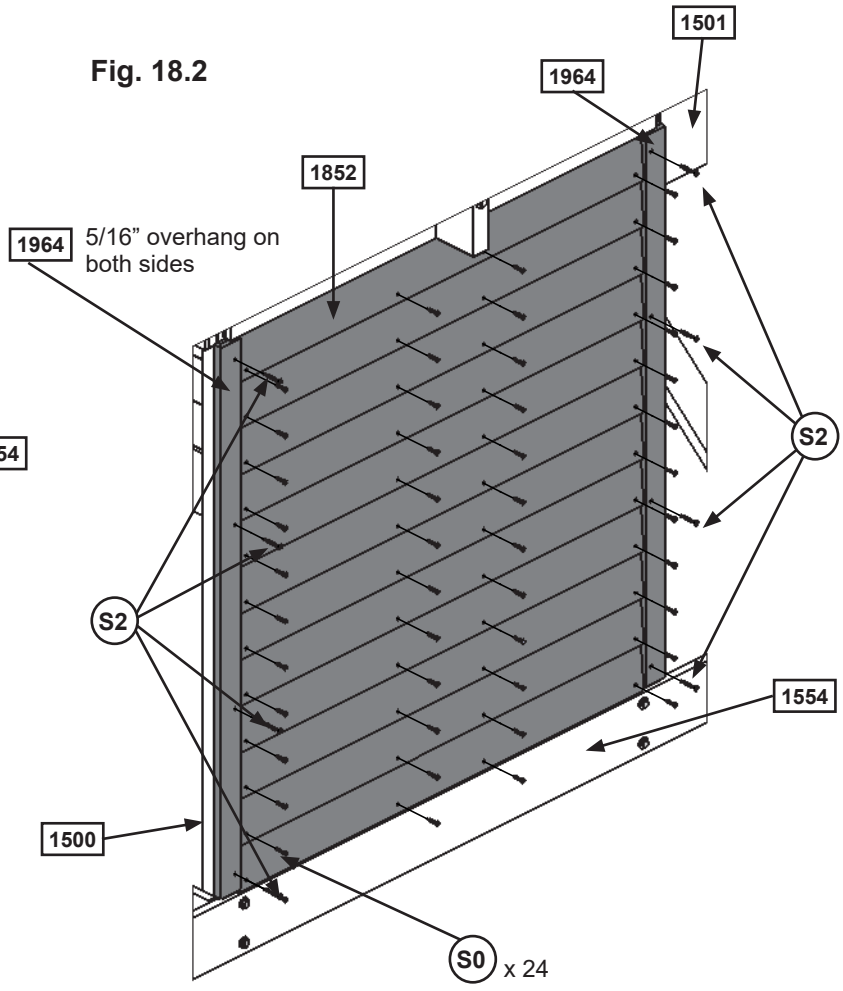
E: Install 10 more (1852) CE Siding directly above the first, attaching to both (1500) Posts with 2 (S0) #8 x 7/8” Truss Screws per board. All boards should be evenly spaced, leaving no gaps. (fig. 18.2)

Fig. 18.1



Swing Wall Side

Fig. 18.2



Wood Parts

12 x 1852 CE Siding 3/8 x 3-1/2 x 36”
2 x 1964 SW Wall Trim 1 x 2 -1/2 x 40-3/8”

Hardware

8 x S2 #8 x 1-1/2” Wood Screw
24 x S0 #8 x 7/8” Truss Screw

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Step 18: Lower Swing Wall Assembly Part 2

E: From inside the assembly, centred over the pilot holes in (1852) CE Siding and tight to (1853) Cedar Gap Board, attach 2 (1814) Wall Supports to (1501) Floor End and (1554) SW Ground with 4 (S1) #8 x 1-1/8" Wood Screws per board. (fig. 18.3)

F: From the outside of the assembly attach (1852) CE Siding to each (1814) Wall Support with 2 (S0) #8 x 7/8" Truss Screws per siding. (fig. 18.2)

Fig. 18.1

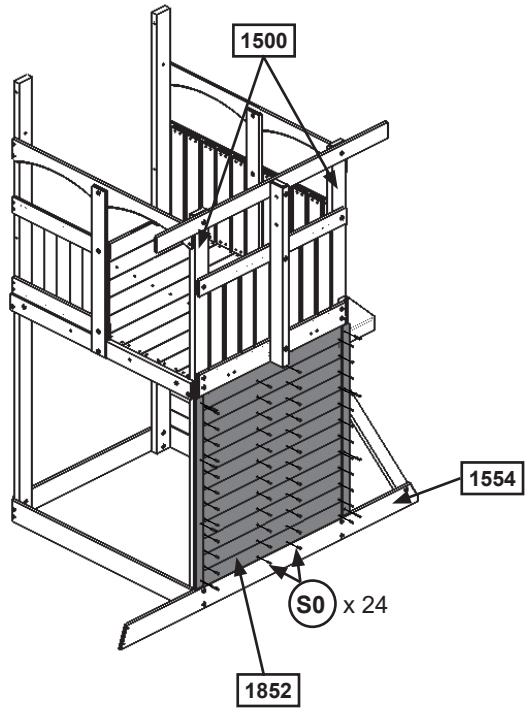
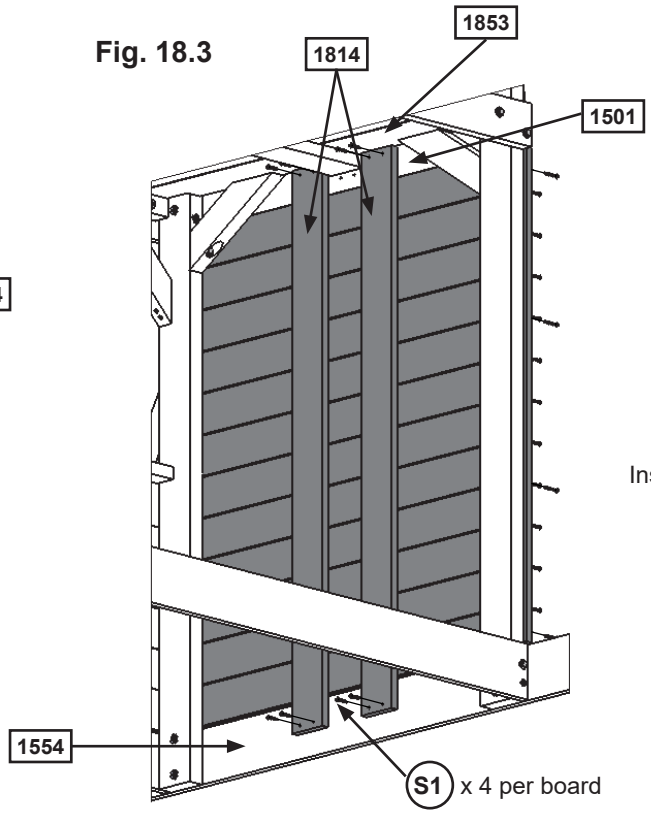


Fig. 18.3



Inside Fort View

Wood Parts

2 x 1814 Wall Support 1 x 4 x 45-1/2"

Hardware

8 x S1 #8 x 1-1/8 Wood Screw

24 x S0 #8 x 7/8" Truss Screw

Step 19: Door Wall Assembly Part 1

A: On the front of the assembly measure 18-3/8” from the inside edge of (1952) Long Post. (fig. 19.1 and 19.2)

B: Tight to the bottom of (0795) Side Joist, at measured location, make sure board is square, then attach (1814) Wall Support to (0799) Floor Back and (0351) Front Back with 4 (S1) #8 x 1-1/8” Wood Screws. (fig. 19.2)

Fig. 19.1

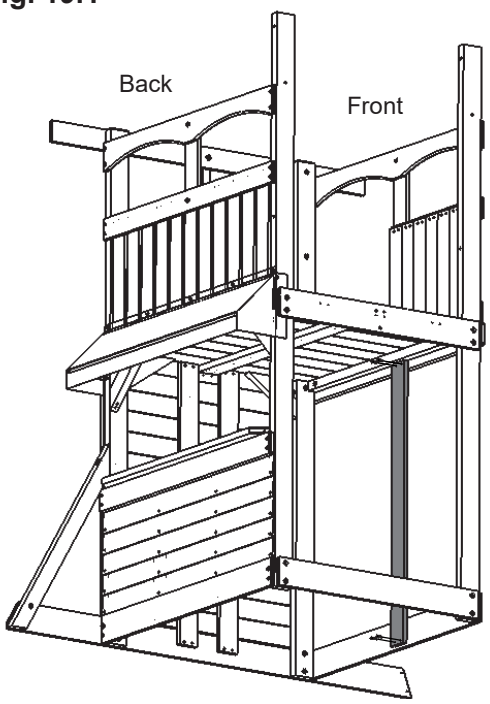
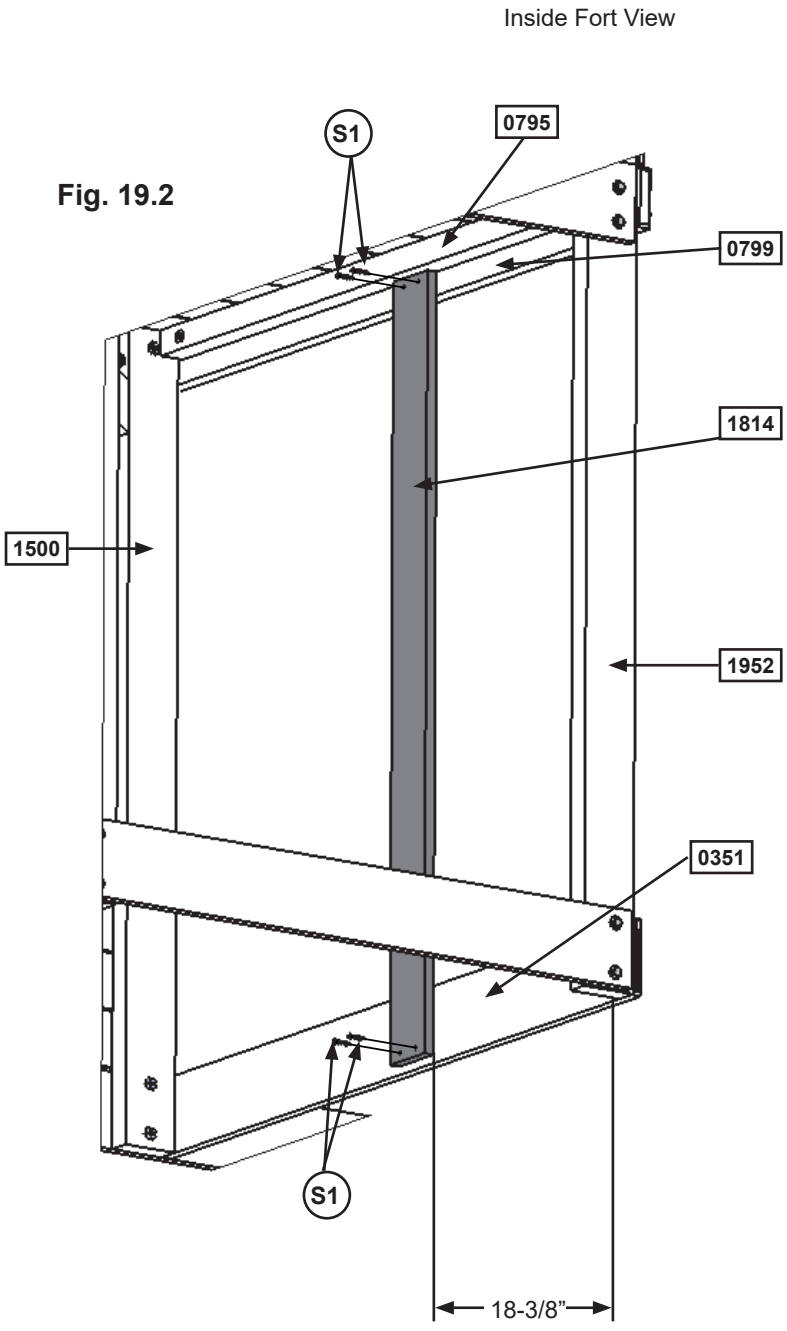


Fig. 19.2



Wood Parts

1 x 1814 Wall Support 1 x 4 x 45-1/2”

Hardware

4 x S1 #8 x 1-1/8” Wood Screw

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Step 19: Door Wall Assembly Part 2

C: Tight to the bottom of (0799) Floor Back and flush to the outside edge of (1952) Long Post attach (1806) Door Top to (1952) Long Post with 2 (S2) #8 x 1-1/2" Wood Screws and to (1814) Wall Support with 2 (S1) #8 x 1-1/8" Wood Screws. (fig. 19.3 and 19.4)

D: Flush to the edge of (1814) Wall Support and tight to the bottom of (1806) Door Top attach (1809) Door Trim to (1814) Wall Support with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 19.4)

E: Tight to the top of (0351) Front Back and tight to (1809) Door Trim attach 1 (1800) CE Siding to (1814) Wall Support and (1500) Post with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 19.4.

F: Evenly space and install 11 more (1800) CE Siding directly above the first, attaching to (1814) Wall Support and (1500) Post with 2 (S0) #8 x 7/8" Truss Screws per board. The top of the last (1800) CE Siding should be tight to the bottom of (0799) Floor Back. (fig. 19.4)

G: From inside the assembly, centred over the pilot holes in (1800) CE Siding, attach (1814) Wall Support to (0799) Floor Back and (0351) Front Back with 4 (S1) #8 x 1-1/8" Wood Screws. (fig. 19.5)

H: From the outside the assembly attach (1800) CE Siding to (1814) Wall Support with 1 (S0) #8 x 7/8" Truss Screw per siding. (fig. 19.4)

Fig. 19.3

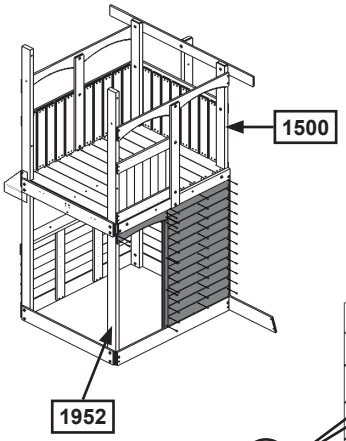


Fig. 19.4

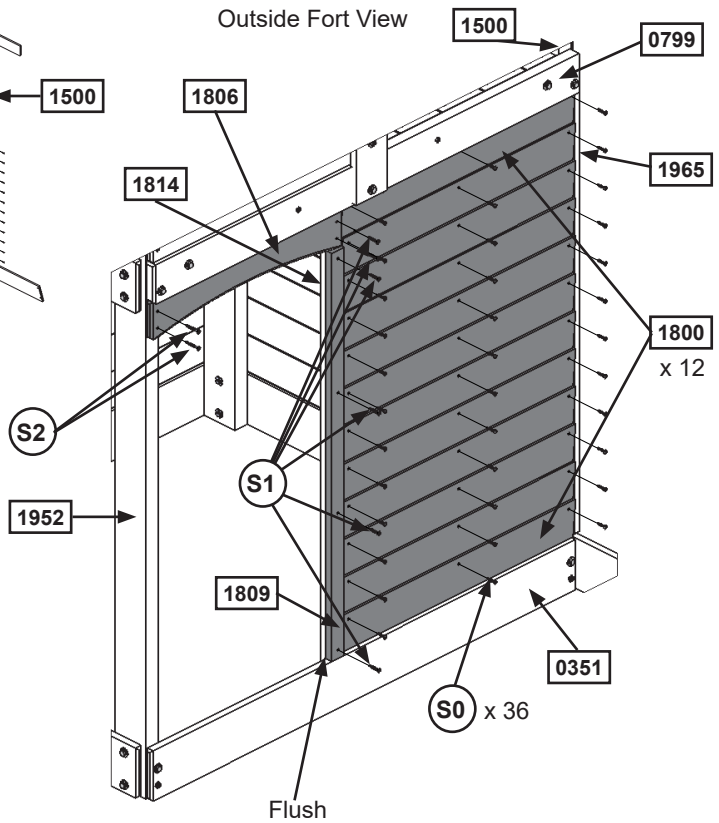
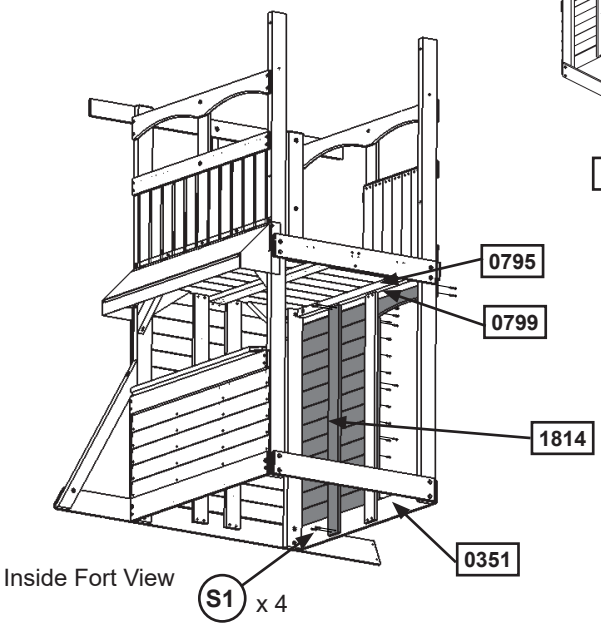


Fig. 19.5



Wood Parts

- 1 x 1806 Door Top 1 x 4 x 21"
- 12 x 1800 CE Siding 3/8 x 3-1/2 x 25-1/2"
- 1 x 1809 Door Trim 1 x 2 x 36-1/2"
- 1 x 1814 Wall Support 1 x 4 x 45-1/2"

Hardware

- 36 x S0 #8 x 7/8" Truss Screw
- 10 x S1 #8 x 1-1/8" Wood Screw
- 2 x S2 #8 x 1-1/2" Wood Screw

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Step 20: Lower Slide Wall Assembly Part 1

A: Place 1 (1808) Short Trim tight to the top of (1987) SL Ground Support flush to the outside edge of (1952) Long Post on the front Slide Wall side of the assembly. Attach to (1952) Long Post with 3 (S2) #8 x 1-1/2" Wood Screws. (fig. 20.1 and 20.2)

B: Tight to top of (0348) SL Ground and tight to (1808) Short Trim attach (1852) CE Siding to both (1952) Long Posts with 2 (S0) #8 x 7/8" Truss Screws as shown in fig. 20.2.

C: Tight to (1852) CE Siding and top of (0348) SL Ground attach 1 (1870) Trim Short to (1952) Long Post with 3 (S2) #8 x 1-1/2" Wood Screws. This will overhang the (1952) Long Post by 5/16". (fig 20.2)

D: Install 5 more (1852) CE Siding directly above the first, attaching to both (1952) Long Posts with 2 (S0) #8 x 7/8" Truss Screws per board. (fig. 20.2)

E: Tight to the top of both (1808) Short Trim and (1870) Trim Short and flush to the edges of both (1952) Long Posts, attach (1851) Cedar Floor Board with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 20.2)

F: Tight to the bottom of (1501) Floor End and flush to the edges of both (1952) Long Posts attach 1 (1867) Top Side with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 20.2)

Fig. 20.2

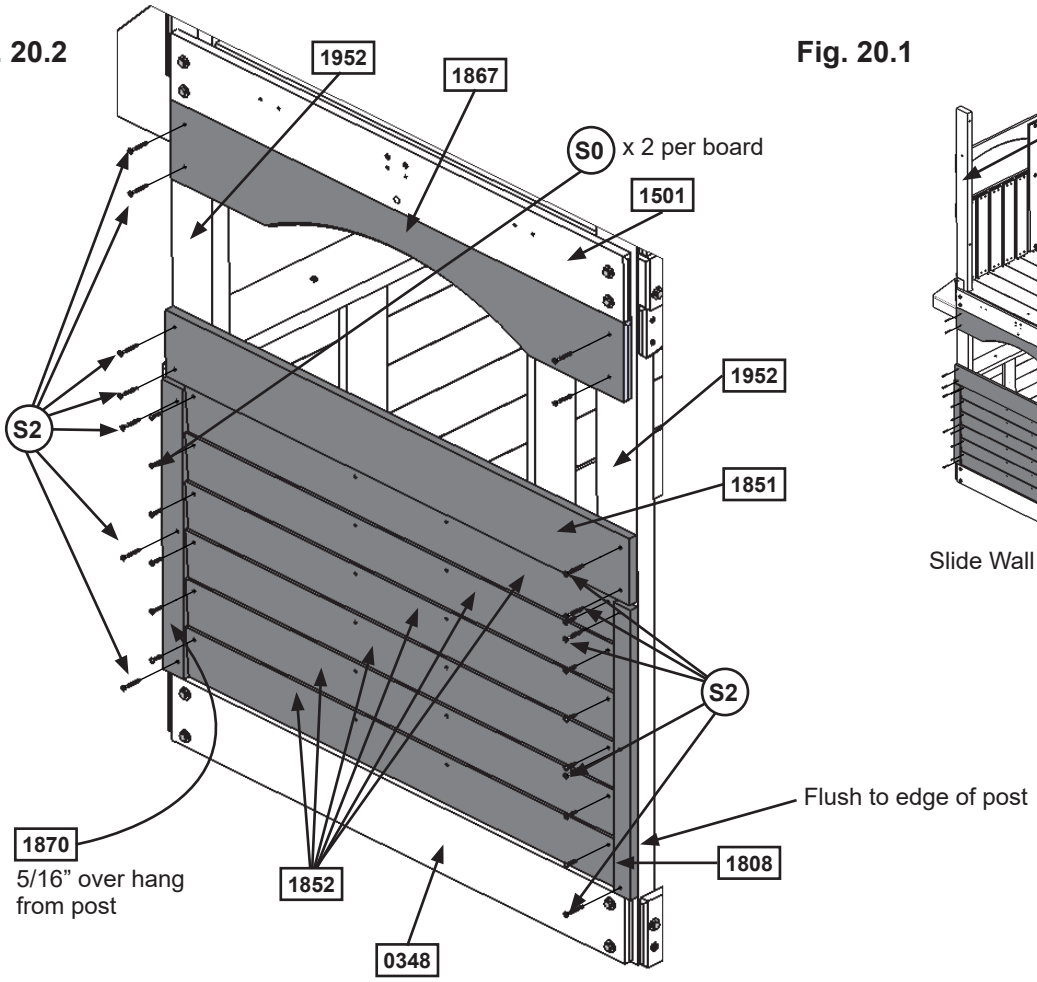
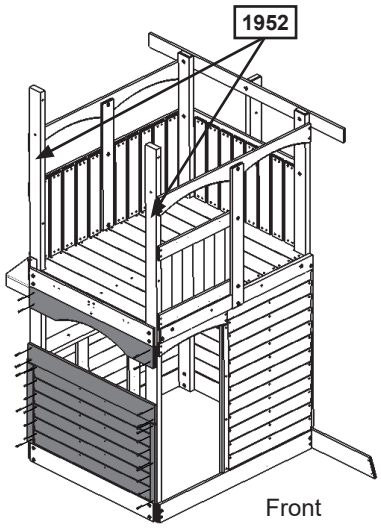


Fig. 20.1



Wood Parts

- 1 x 1867 Top Side 1 x 6 x 38-1/4"
- 1 x 1851 Cedar Floor Board 1 x 5 x 38-3/4"
- 6 x 1852 CE Siding 3/8 x 3-1/2 x 36"
- 1 x 1870 Trim Short 1 x 2-1/2 x 19-5/8"
- 1 x 1808 Short Trim 1 x 2 x 19-5/8"

Hardware

- 14 x S2 #8 x 1-1/2" Wood Screw
- 12 x S0 #8 x 7/8" Truss Screw

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Step 20: Lower Slide Wall Assembly Part 2

G: From inside the assembly measure 1” up from the bottom of (1851) Cedar Floor Board then flush to the inside edge of each (1952) Long Post attach 2 (1972) Wall Boards to (1867) Top Side and (1851) Cedar Floor Board with 4 (S1) #8 x 1-1/8” Wood Screws per board as shown in fig. 20.3 and 20.4.

H: Measure 6-1/8” from the inside edge of each (1972) Wall Board then flush to the bottom of (0348) SL Ground attach 2 (1971) Window Uprights to (1501) Floor End, (1867) Top Side, (1851) Cedar Floor Board and (0348) SL Ground with 4 (S1) #8 x 1-1/8” Wood Screws per board as shown in fig. 20.4 and 20.5. The distance between both (1971) Window Uprights should be 6”.

I: Measure 4-3/4” up from the bottom of (1851) Cedar Floor Board and attach (1876) Window Cross centred on each (1972) Wall Board with 2 (S1) #8 x 1-1/8” Wood Screws as shown in fig. 20.4 and 20.5.

J: From the outside of the assembly attach (1852) CE Siding to (1971) Window Uprights with 2 (S0) #8 x 7/8” Truss Screws per siding. (fig. 20.3 and 20.6)

Fig. 20.4

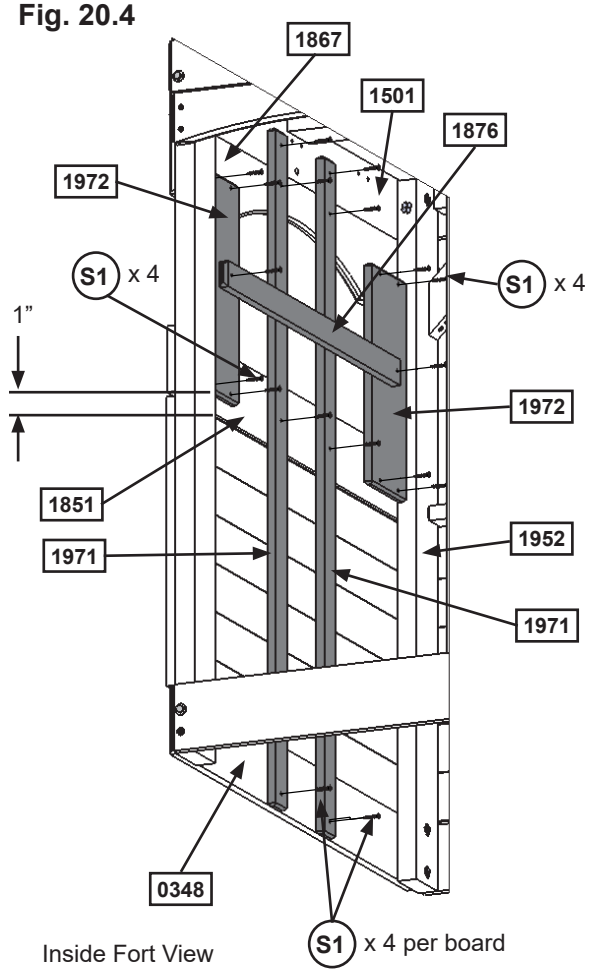


Fig. 20.5

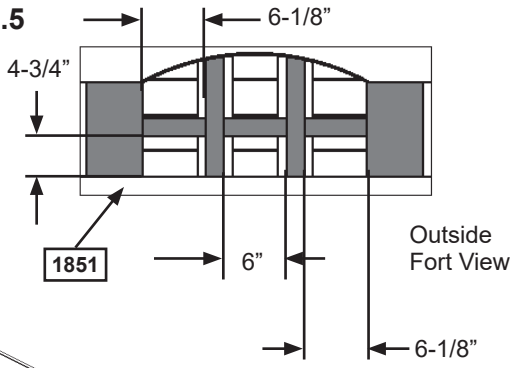
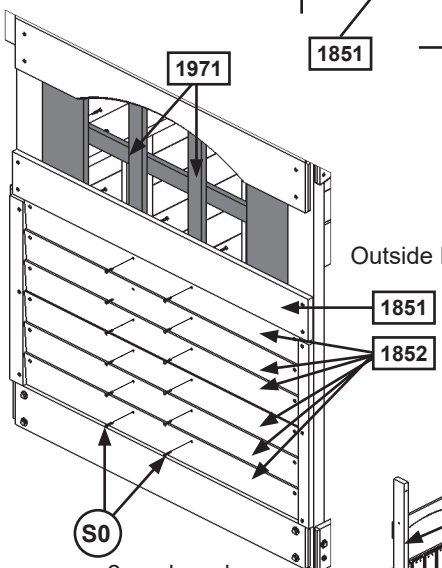


Fig. 20.6



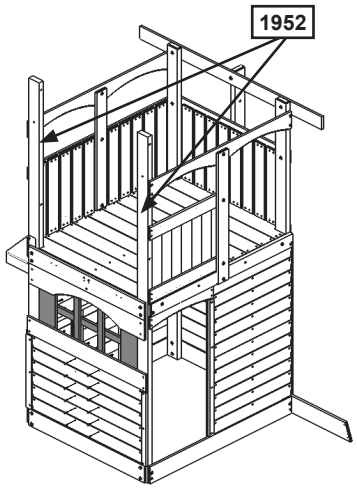


Fig. 20.3

Wood Parts

- 2 x 1971 **Window Upright 1 x 2-1/2 x 46”**
- 2 x 1972 **Wall Board 1 x 6 x 15”**
- 1 x 1876 **Window Cross 1 x 2-1/2 x 28”**

Hardware

- 18 x S1 **#8 x 1-1/8” Wood Screw**
- 12 x S0 **#8 x 7/8” Truss Screw**

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Step 20: Lower Slide Wall Assembly Part 3

K: From outside the assembly, flush to the outside edges of both (1952) Long Posts and tight to the top of (1501) Floor End, attach (0839) CE Gap Board to each (1952) Long Post with 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 20.7 and 20.8)

L: Tight to the top of (0839) CE Gap Board, centered on each (1952) Long Post, attach 2 (1959) SL Wall Boards with 4 (S7) #12 x 2" Pan Screws per board as shown in fig. 20.8.

Fig. 20.7

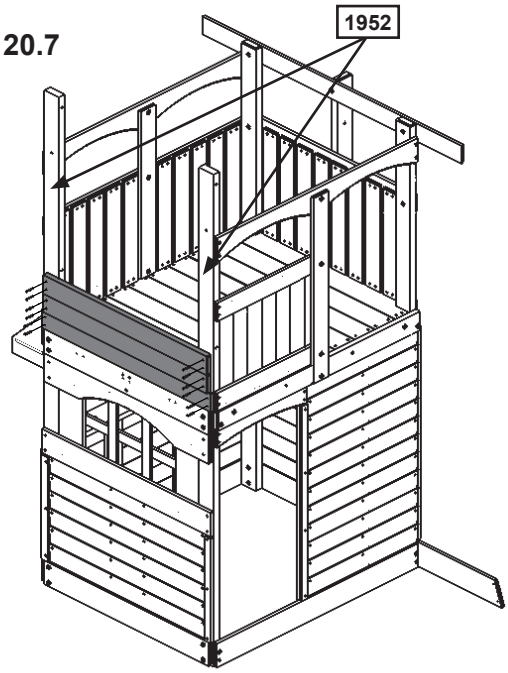
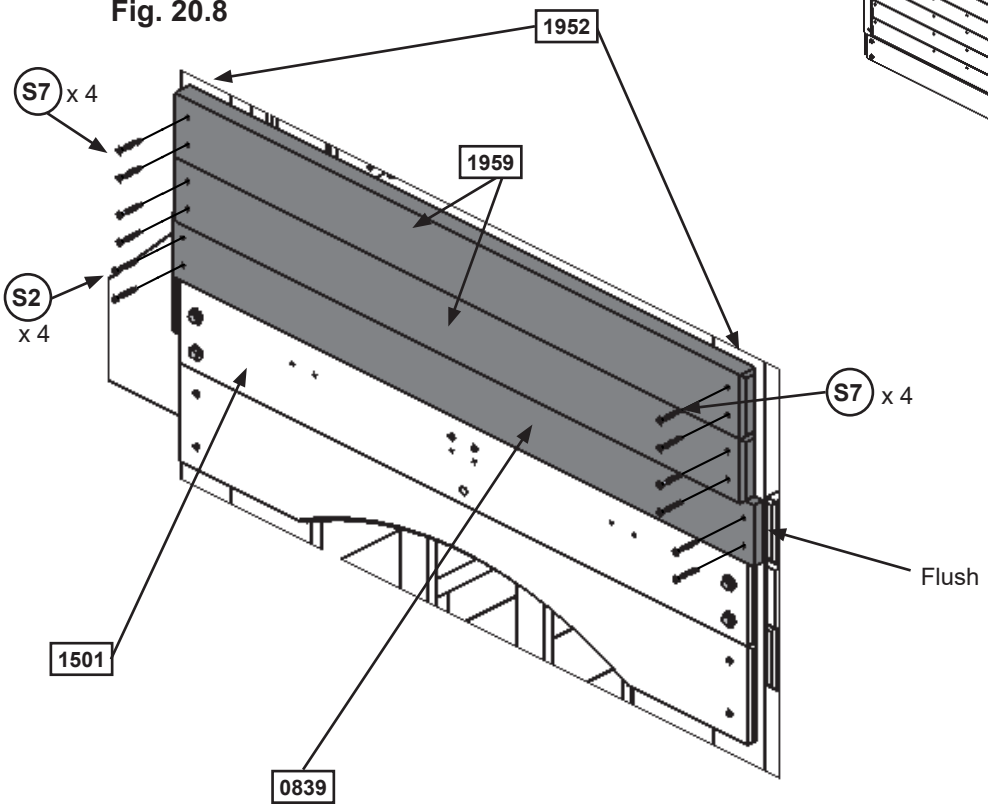


Fig. 20.8



Wood Parts

2 x 1959 SL Wall Board 5/4 x 4 x 38"
1 x 0839 CE Gap Board 1 x 4 x 38-3/4"

Hardware

4 x S2 #8 x 1-1/2" Wood Screw
8 x S7 #12 x 2" Pan Screw

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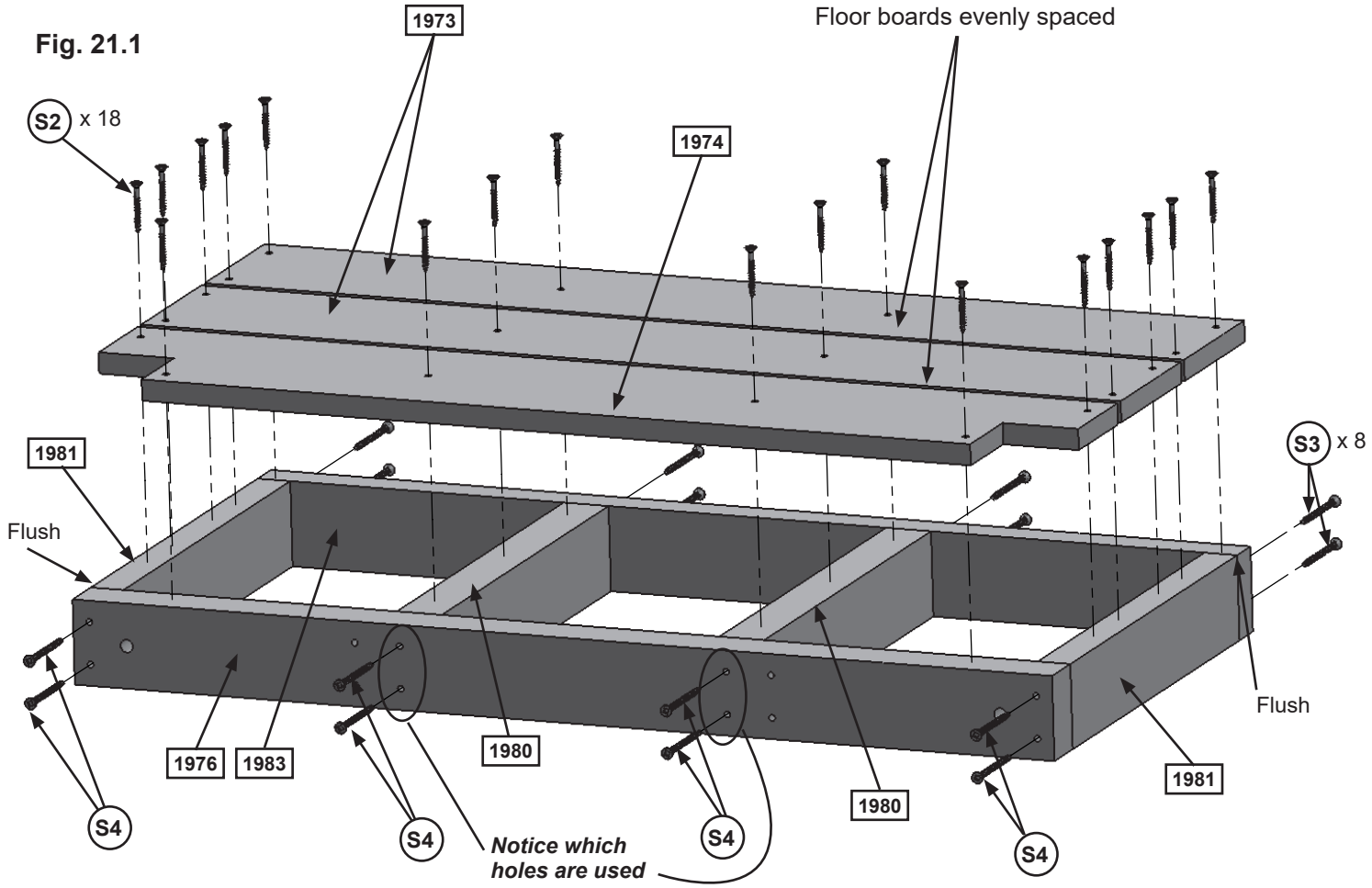
Step 21: Crowsnest Floor Assembly

A: Attach 2 (1981) Crowsnest Joists flush to the outside edges of (1976) Crowsnest Front with 2 (S4) #8 x 3" Wood Screws per joist and (1983) Crowsnest Back with 2 (S3) #8 x 2-1/2" Wood Screws per joist as shown in fig. 21.1.

B: Attach 2 (1980) Crowsnest Joists over the inside pilot holes of (1976) Crowsnest Front with 2 (S4) #8 x 3" Wood Screws per joist and (1983) Crowsnest Back with 2 (S3) #8 x 2-1/2" Wood Screws per joist as shown in fig. 21.1.

C: Starting flush to the outside edges of (1981) Crowsnest Joist and back of (1983) Crowsnest Back place 2 (1973) Crowsnest Floors followed by 1 (1974) Crowsnest Gap on the floor frame. The (1974) Crowsnest Gap is flush to the front of (1976) Crowsnest Front and all 3 boards should be evenly spaced. Attach each board to (1980) and (1981) Crowsnest Joists, and (1974) Crowsnest Gap to (1976) Crowsnest Front with 6 (S2) #8 x 1-1/2" Wood Screws per board. (fig. 21.1)

Fig. 21.1



Wood Parts

2 x	1973	Crowsnest Floor 1 x 5 x 30"	2 x	1980	Crowsnest Joist 2 x 3 x 12-1/2"
1 x	1974	Crowsnest Gap 1 x 6 x 30"	1 x	1983	Crowsnest Back 5/4 x 3 x 30"
2 x	1981	Crowsnest Joist 5/4 x 3 x 12-1/2"	1 x	1976	Crowsnest Front 2 x 3 x 30"

Hardware

18 x	S2	#8 x 1-1/2" Wood Screw
8 x	S3	#8 x 2-1/2" Wood Screw
8 x	S4	#8 x 3" Wood Screw

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Step 22: Crowsnest Wall Frame Assembly

A: Attach 1 (1977) Crowsnest SL Top to 2 (1978) Crowsnest Uprights using 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut), making sure the notched ends are facing out and at the bottom. (fig. 22.1)

B: Attach 1 (1448) Crowsnest Short to (1977) Crowsnest SL Top between each (1978) Crownest Upright using 6 (S15) #8 x 1-3/4” Wood Screws as shown in fig. 22.1.

C: Tight to the bottom and flush to the ends of (1977) Crowsnest SL Top attach 1 (1984) Crowsnest Face to each (1978) Crowsnest Upright with 3 (S15) #8 x 1-3/4” Wood Screws, per board, as shown in fig. 22.1 and 22.2. The bottom of each (1984) Crowsnest Face should be flush to the notch in each (1978) Crowsnest Upright.

Fig. 22.1

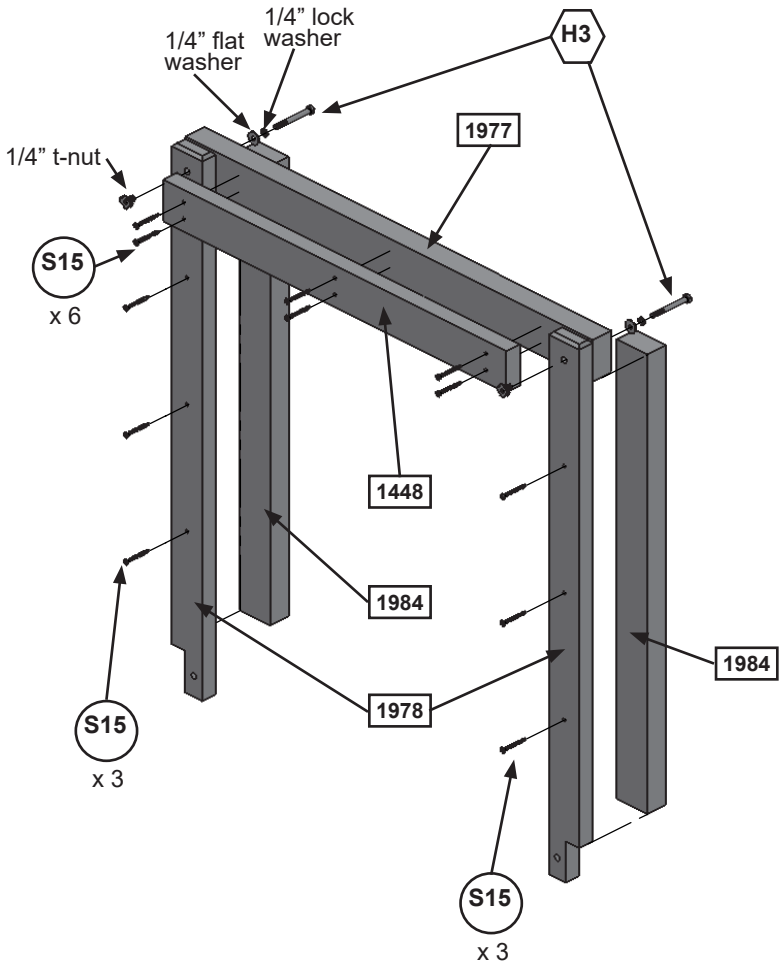
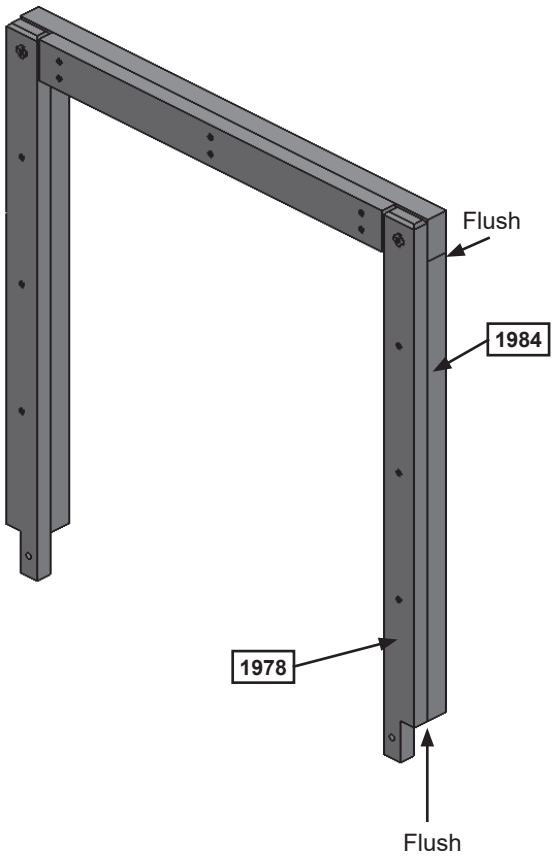


Fig. 22.2



Wood Parts

1 x 1977 **Crowsnest SL Top 2 x 3 x 30”**
2 x 1978 **Crowsnest Upright 5/4 x 2-3/4 x 32-5/8”**
2 x 1984 **Crowsnest Face 2 x 2-3/4 x 27-5/8”**
1 x 1448 **Crowsnest Short 5/4 x 3 x 25-1/4”**

Hardware

2 x H3 **1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)**
12 x S15 **#8 x 1-3/4” Wood Screw**

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Step 23: Crowsnest Frame Assembly Part 1

A: Attach 1 (1982) Crowsnest Bottom Side flush to the back edge of each (1952) Long Post and tight to the top of (1959) SL Wall Board with 1 (H5) 1/4 x 4-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per side, as shown in fig. 23.1 and 23.2. Notice the pilot holes are orientated to the bottom of the board and make sure both (1982) Crowsnest Bottoms are square to each post then install 2 (S4) #8 x 3" Wood Screws per board. (fig. 23.2)

B: Place the Floor Frame Assembly flush to the bottom of both (1982) Crowsnest Bottoms and (1976) Crowsnest Front is flush to the front of each (1982) Crowsnest Bottom. Attach both (1982) Crowsnest Bottoms to the Floor Frame Assembly with 3 (S15) #8 x 1-3/4" Wood Screws per side. (fig. 23.3 and 23.4)

Fig. 23.1

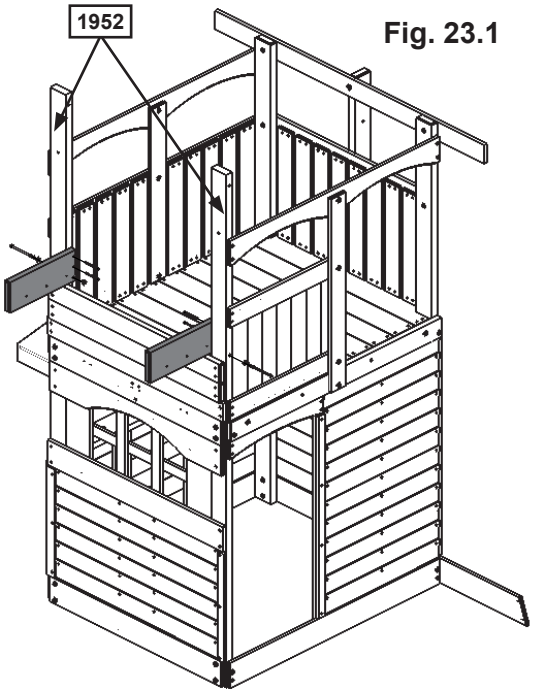
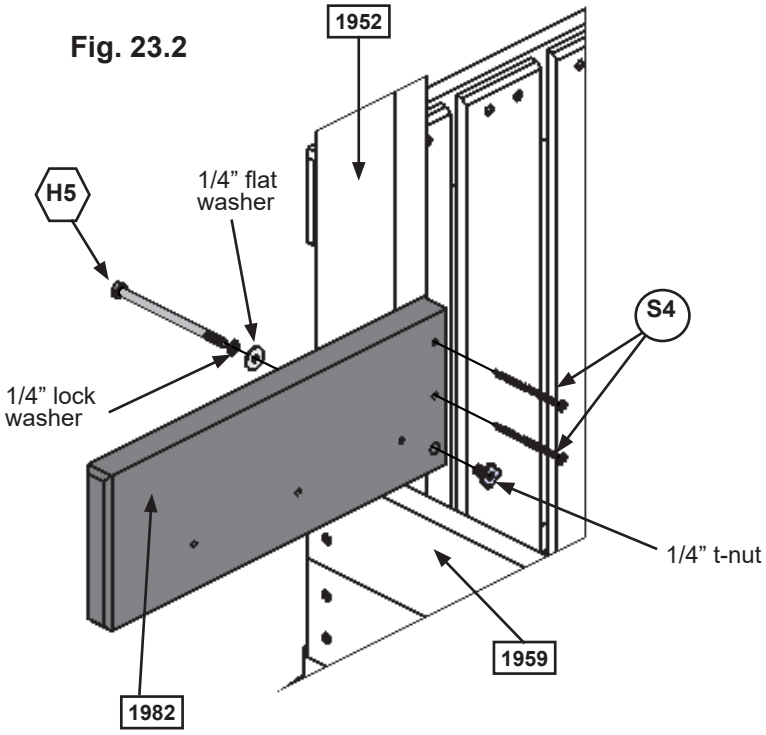


Fig. 23.2



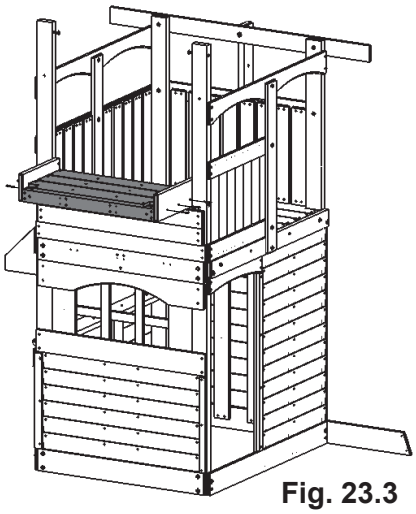
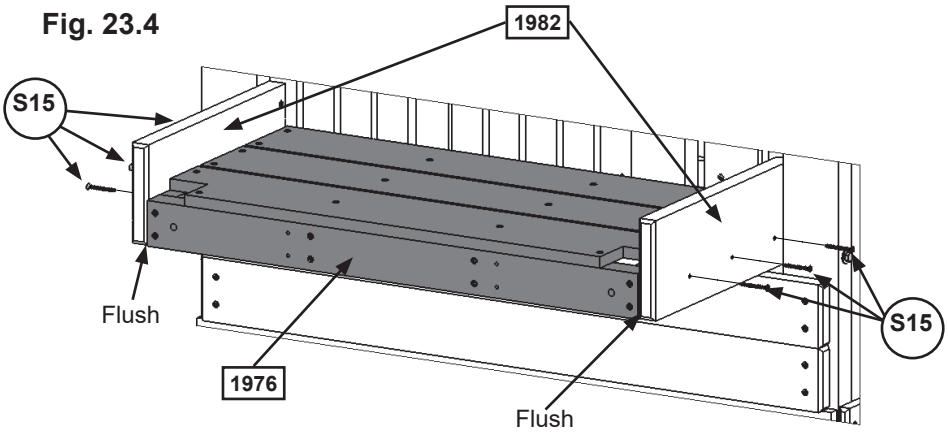


Fig. 23.3

Fig. 23.4



Wood Parts

2 x 1982 **Crowsnest Bottom Side 5/4 x 6 x 14-7/8"**

Hardware

2 x H5 **1/4 x 4-1/2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)**

4 x S4 **#8 x 3" Wood Screw**

6 x S15 **#8 x 1-3/4" Wood Screw**

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Step 23: Crowsnest Frame Assembly Part 2

C: Attach 1 (1985) Crowsnest Gusset to the outside of each (1980) Crowsnest Joists with 1 (S3) #8 x 2-1/2” Wood Screws per gusset as shown in fig. 23.5 and 23.6.

D: Attach (1976) Crowsnest Front to each (1985) Crowsnest Gusset with 2 (S4) #8 x 3” Wood Screws per gusset. (fig. 23.6)

E: Measure 9-3/4” from the inside edge of (1952) Long Post and 2-13/16” down from bottom of (1983) Crowsnest Back then measure 1-1/2” down from the first mark. Pre-drill pilot holes with a 1/8” drill bit. Attach (1959) SL Wall Board to 1 (1985) Crowsnest Gusset with 2 (S4) #8 x 3” Wood Screws as shown in fig. 23.7 and 23.8.

F: Repeat the measurements from the other (1952) Long Post to attach the second (1985) Crowsnest Gusset. (fig. 23.7 and 23.8)

Fig. 23.6

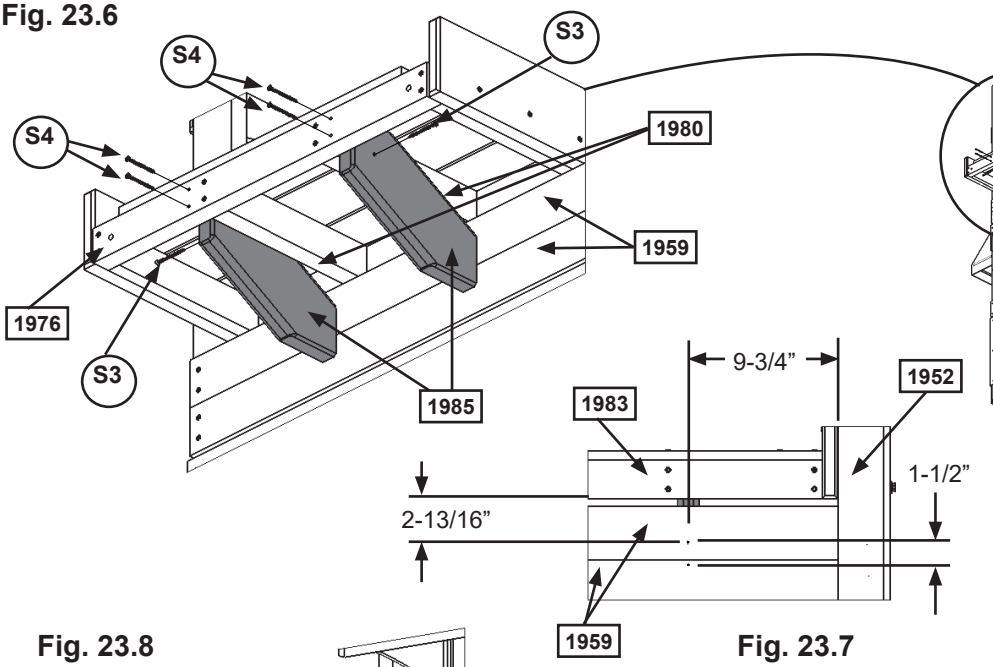


Fig. 23.5

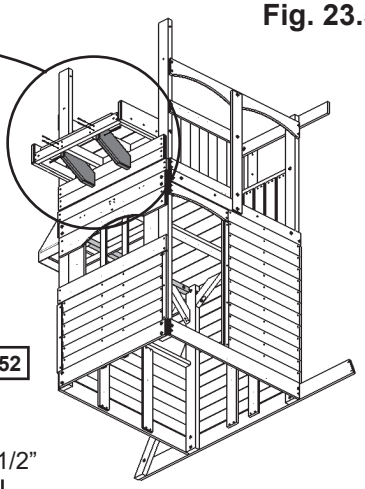
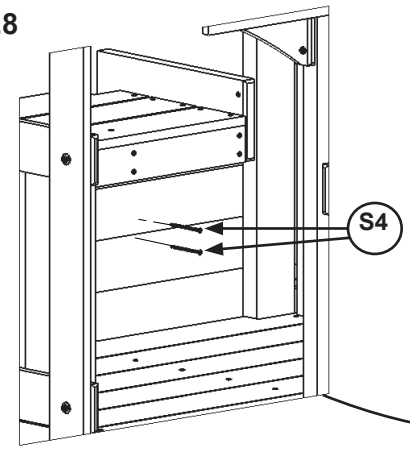
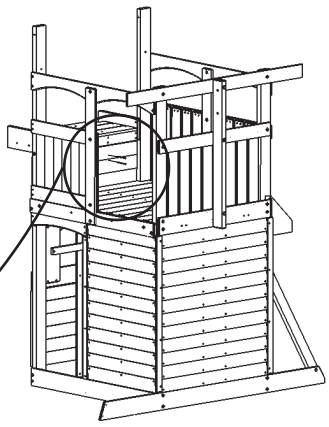


Fig. 23.8



Inside Fort View

Fig. 23.7



Wood Parts

2 x 1985 **Crowsnest Gusset 2 x 6 x 13-5/8”**

Hardware

2 x S3 **#8 x 2-1/2” Wood Screw**

8 x S4 **#8 x 3” Wood Screw**

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Step 23: Crowsnest Frame Assembly Part 3

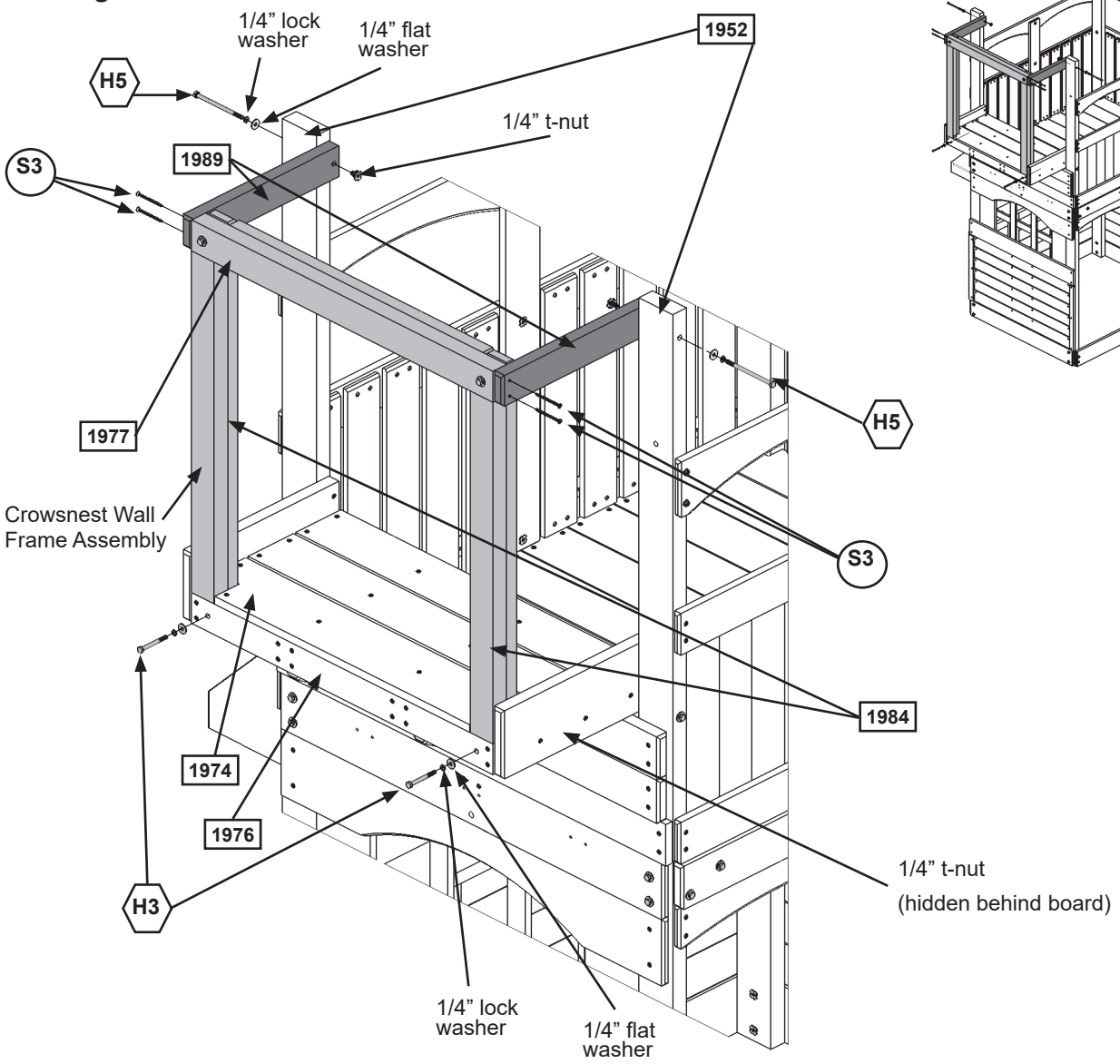
G: Attach 1 (1989) Crowsnest Side to each (1952) Long Post with 1 (H5) 1/4 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut) per board. **Keep the bolts loose.** (fig. 23.9 and 23.10)

H: Place Crowsnest Wall Frame Assembly from Step 22 in the opening of Crowsnest Floor Assembly. (1984) Crowsnest Face should sit on top and flush to the front of (1976) Crowsnest Front then loosely attach with 2 (H3) 1/4 x 2-1/2” Hex Bolts (with lock washer, flat washer and t-nut). (fig. 23.10)

I: Attach (1989) Crowsnest Side to each end of (1977) Crowsnest SL Top with 2 (S3) #8 x 2-1/2” Wood Screws per side. (fig. 23.10)

J: Tighen all bolts from this step.

Fig. 23.10



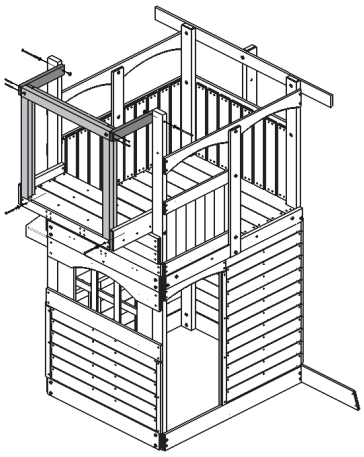


Fig. 23.9

Wood Parts

2 x 1989 Crowsnest Side 5/4 x 3 x 14-7/8”

Hardware

2 x H5 1/4 x 4-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

2 x H3 1/4 x 2-1/2” Hex Bolt (1/4” lock washer, 1/4” flat washer, 1/4” t-nut)

4 x S3 #8 x 2-1/2” Wood Screw

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Step 23: Crowsnest Frame Assembly Part 4

K: Tight to each (1978) Crowsnest Upright attach 1 (1975) Cedar Wall to each (1989) Crowsnest Side and (1982) Crowsnest Bottom with 4 (S1) #8 x 1-1/8” Wood Screws per board. (fig. 23.11 and 23.12)

L: Measure 2-1/4” from each (1975) Cedar Wall and attach another (1975) Cedar Wall to each (1989) Crowsnest Side and (1982)Crowsnest Bottom with 4 (S1) #8 x 1-1/8” Wood Screws per board. (fig. 23.11 and 23.12)

Fig. 23.11

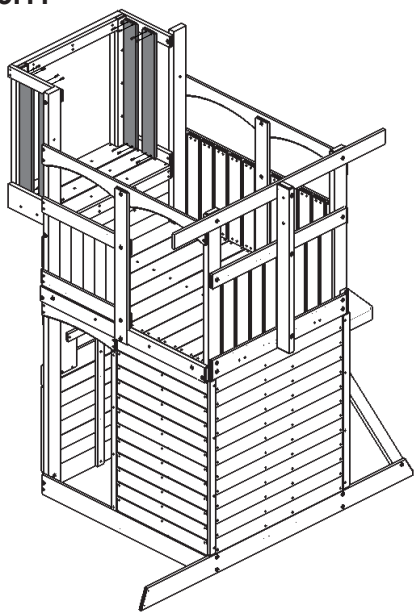
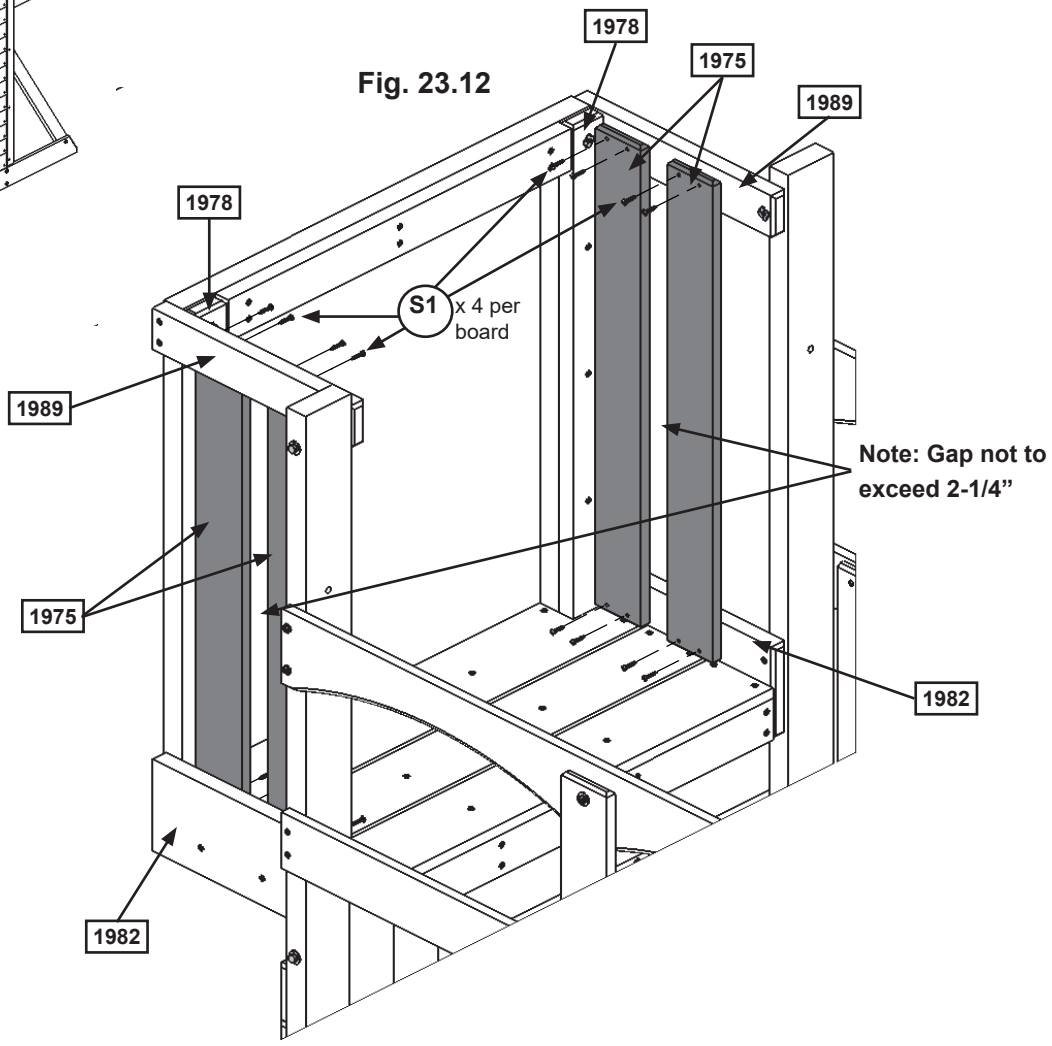


Fig. 23.12



Wood Parts

4 x 1975 Cedar Wall 1 x 4 x 29”

Hardware

16 x S1 #8 x 1-1/8” Wood Screw

Step 24: Attach Rock Rail to Fort

A: Place Rock Wall Assembly from Step 2 centred between (1500) Post and (1955) Divider and flush to top of (0799) Floor Back (fig. 24.1 and 24.2). Attach (0349) Rock Rails to (0799) Floor Back using 4 (S15) #8 x 1-3/4" Wood Screws as shown in fig. 24.2 and 24.3.

B: Attach (1554) SW Ground to (0349) Rock Rail with 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 24.2)

C: Attach (0606) CE Access Board to top of Rock Wall Assembly, flush to top of (0349) Rock Rail using 4 (S2) #8 x 1-1/2" Wood Screws. (fig. 24.4)

Fig. 24.1

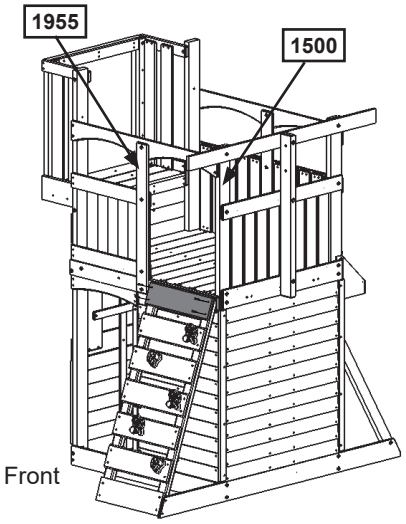


Fig. 24.2

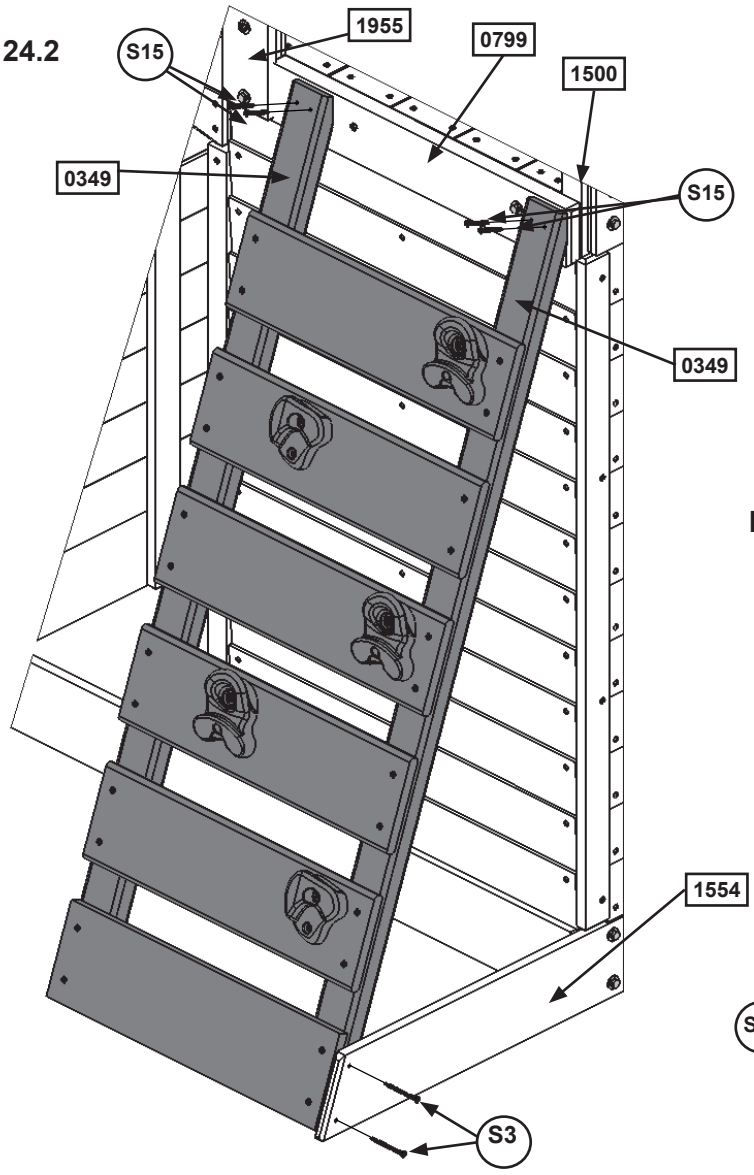


Fig. 24.4

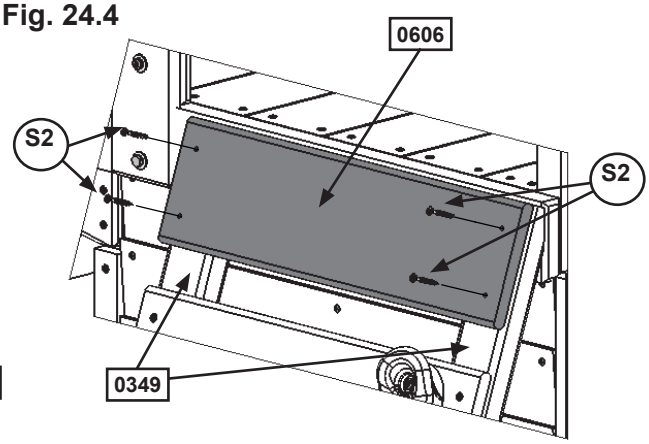
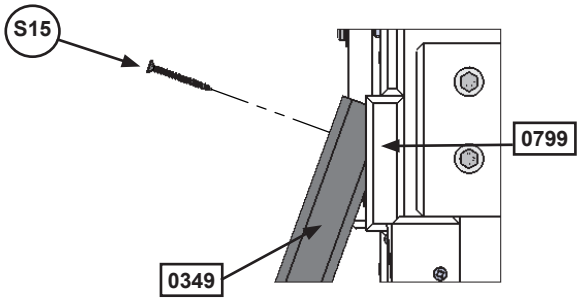


Fig. 24.3



Wood Parts

1 x 0606 CE Access Board 1 x 6 x 19-3/4"

Hardware

4 x S2 #8 x 1-1/2" Wood Screw

2 x S3 #8 x 2-1/2" Wood Screw

4 x S15 #8 x 1-3/4" Wood Screw

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Step 25: Attach Ground Stakes

MOVE FORT TO FINAL LOCATION. FINAL LOCATION MUST BE LEVEL GROUND

Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

A: Drive 2 (0318) Ground Stakes 10-1/2" into the ground at both ends of (1554) SW Ground into (0369) Lower Diagonal and (0349) Rock Rail as shown in fig. 25.1 and 25.2. Attach using 2 (S3) #8 x 2-1/2" Wood Screws per ground stake.

B: Inside the fort, drive 1 (0318) Ground Stakes 10-1/2" into the ground at (1952) Long Post and attach using 2 (S3) #8 x 2-1/2" Wood Screws as shown in fig. 25.1 and 25.3.

Fig. 25.1

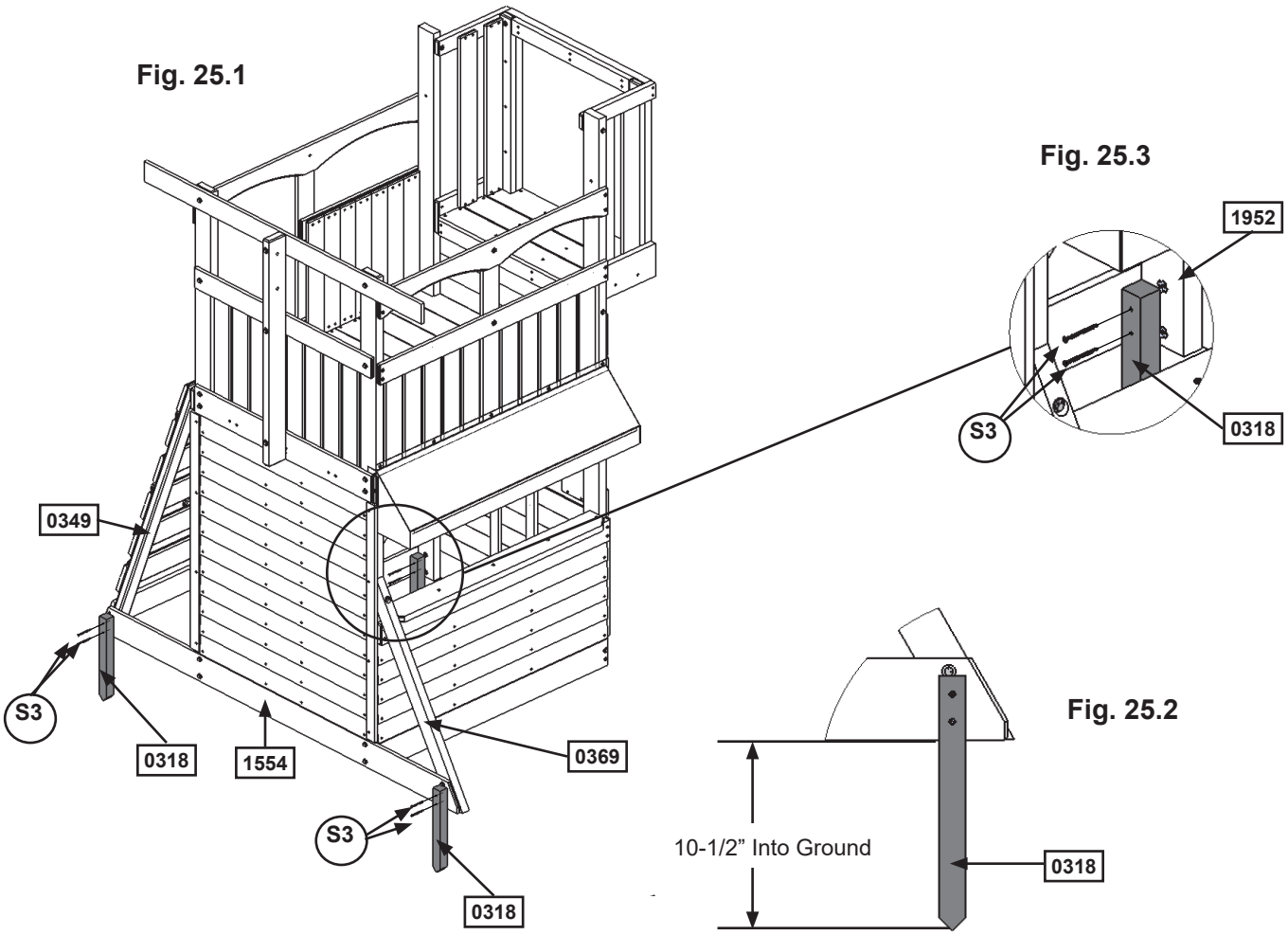

Fig. 25.3

Fig. 25.2

Wood Parts

3 x 0318 **Ground Stake 1-1/4 x 1-1/2 x 14"**

Hardware

6 x S3 **#8 x 2-1/2" Wood Screw**

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Step 26: Roof Frame Assembly

A: Place 1 (1957) SL Roof Side on the outside of each (1952) Long Post and 1 (1962) Post Couple on the inside of each (1952) Long Post as shown in fig. 26.1 and 26.2. Loosely attach (1957) SL Roof Side, (1952) Long Post and (1962) Post Couple together with 1 (H11) 1/4 x 2-3/4" Hex Bolt (with lock washer, flat washer and t-nut) per side. (fig. 26.2)

B: Place (1961) Post Roof Block on top of each (1952) Long Post, making sure all sides are flush and the bolt hole lines up with the bolt hole in (1962) Post Couple. Make sure each (1962) Post Couple is flush to the sides of each (1952) Long Posts and tight to (1961) Post Roof Blocks then attach to the post and block with 4 (S2) #8 x 1-1/2" Wood Screws per side as shown in fig. 26.2.

C: Tighten the bolts now.

D: Attach 1 (0357) Tarp Front Back to each end of (1865) SW Roof Side and each (1957) SL Roof Side, making sure the pilot holes are centred on the end of each Roof Side, with 4 (S2) #8 x 1-1/2" Wood Screws per (0357) Tarp Front Back. (fig. 26.1 and 26.2)

E: At all 4 corners, centre and attach 1 Corner Brace using 3 (S5) #8 x 1/2" Pan Screw per brace as shown in fig. 26.1 and 26.2.

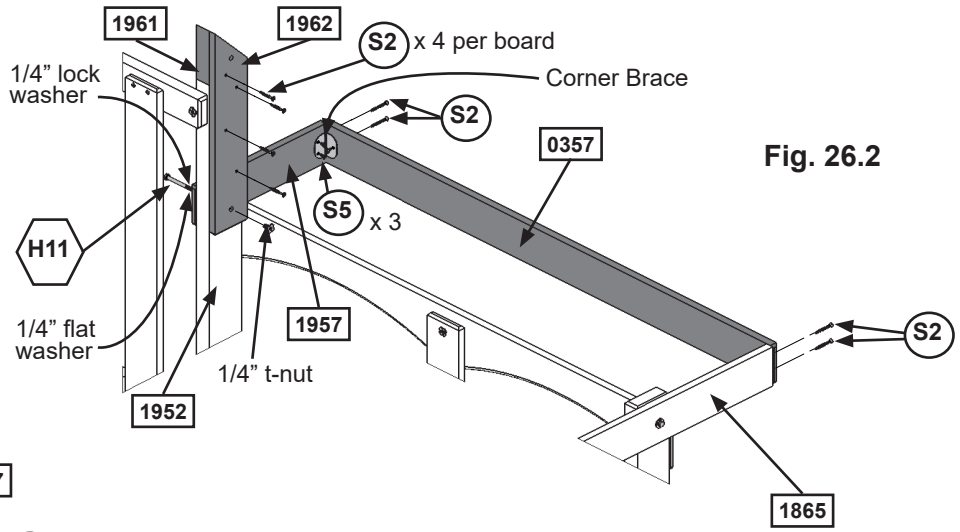

Fig. 26.2

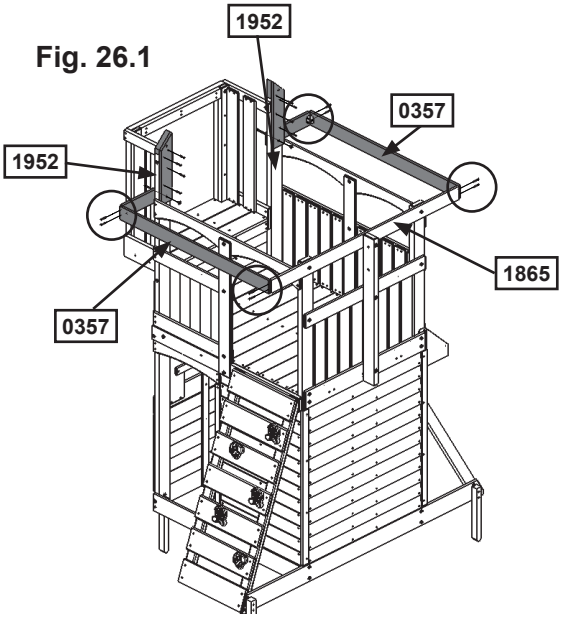

Fig. 26.1

Wood Parts

- 2 x 1961 Post Roof Block 2 x 4 x 4-11/16"
- 2 x 1962 Post Couple 1 x 4 x 17-1/2"
- 2 x 1957 SL Roof Side 1 x 4 x 13-3/4"
- 2 x 0357 Tarp Front Back 1 x 4 x 47-3/4"

Hardware

- 2 x H11 1/4 x 2-3/4" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 12 x S5 #8 x 1/2" Pan Screw
- 16 x S2 #8 x 1-1/2" Wood Screw

Other Parts

- 4 x Corner Brace

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Step 27: Attach Roof to Fort
Part 1

A: With two helpers place the Roof Assembly, from Step 6, on the fort as shown in fig. 27.1. The roof should be centred on the Roof Frame assembly and all Roof Supports should be flush to the inside of the fort and resting on (1865) SW Roof Side and both (1961) Post Roof Blocks. The (0501) Joists should fit tight to the inside of each (0357) Tarp Front Back. Make sure (1950) and (1951) Roof Supports are on the Crowsnest Side.

B: Attach the (1950) and (1951) Roof Supports to (1961) Post Roof Block and (1962) Post Couple with 1 (H13) 1/4 x 3-1/2" Hex Bolt (with lock washer, flat washer and t-nut) per support. (fig. 27.1 and 27.2)

C: Pre-drill and attach (0357) Tarp Front Back to (0501) Joists using 1 (S2) #8 x 1-1/2" Wood Screw per side. (fig. 27.1 and 27.3)

Fig. 27.2

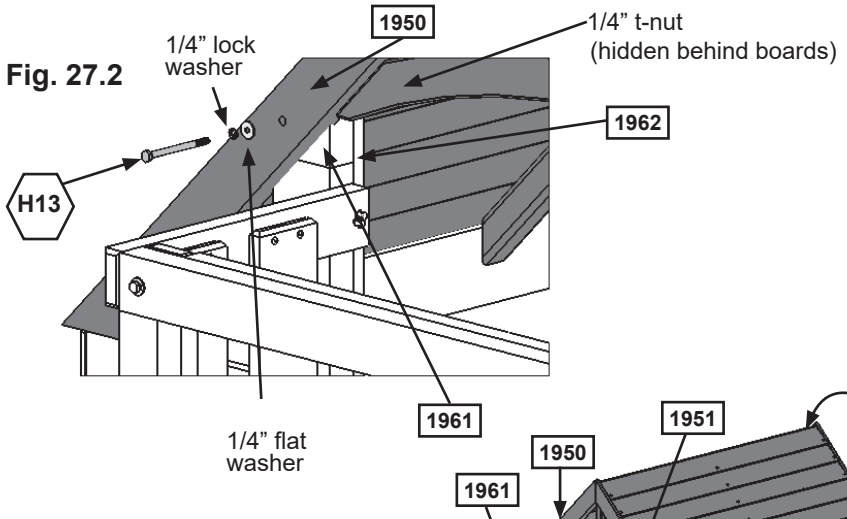
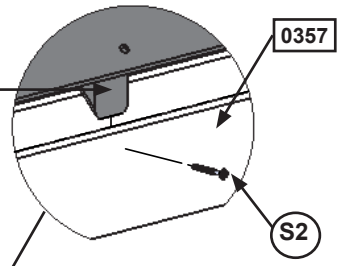


Fig. 27.3



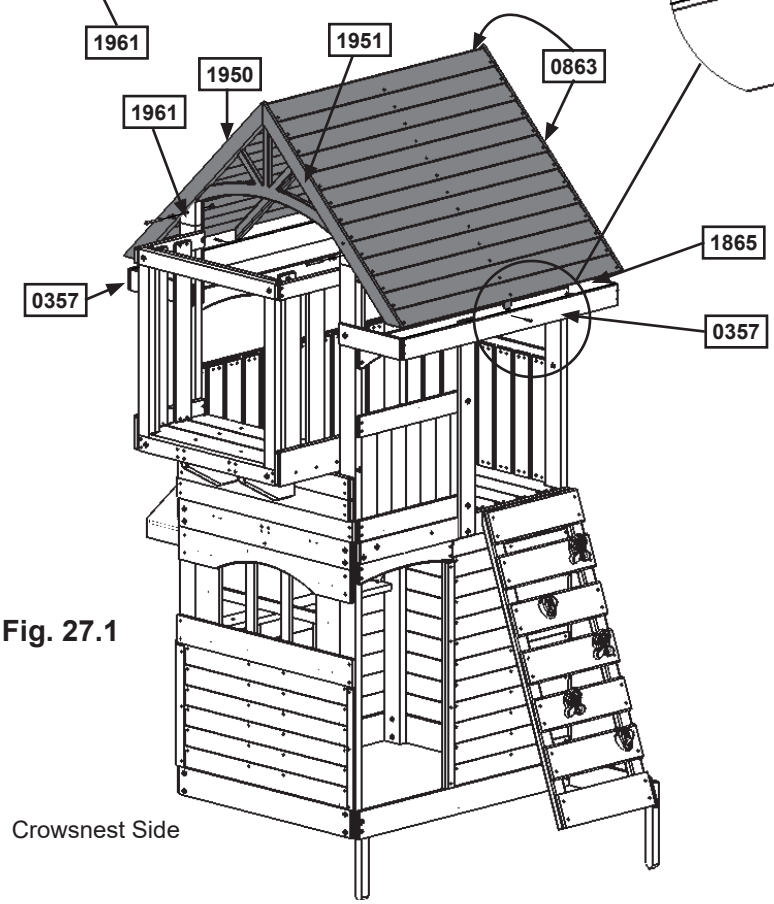


Fig. 27.1

Hardware

2 x (H13) 1/4 x 3-1/2" Hex Bolt
(1/4" lock washer, 1/4" flat washer, 1/4" t-nut)

2 x (S2) #8 x 1-1/2" Wood Screw

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Step 27: Attach Roof to Fort
Part 2

D: Attach 1 (0514) Roof Brace to each (0863) Roof Support, (1950) Roof Support Left and (1951) Roof Support Right so it is tight against the angled edge of the Roof Supports using 2 (S2) #8 x 1-1/2" Wood Screws per brace. (fig. 27.4 and 27.5)

E: Attach (0514) Roof Braces to (1865) SW Roof Side and both (1957) SL Roof Sides using 2 (S1) #8 x 1-1/8" Wood Screws per brace. (fig. 27.4 and 27.5)

Fig. 27.5

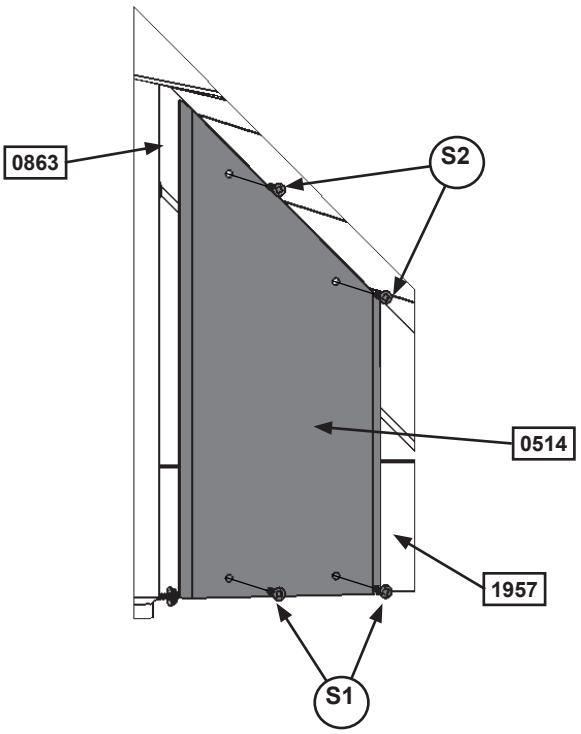
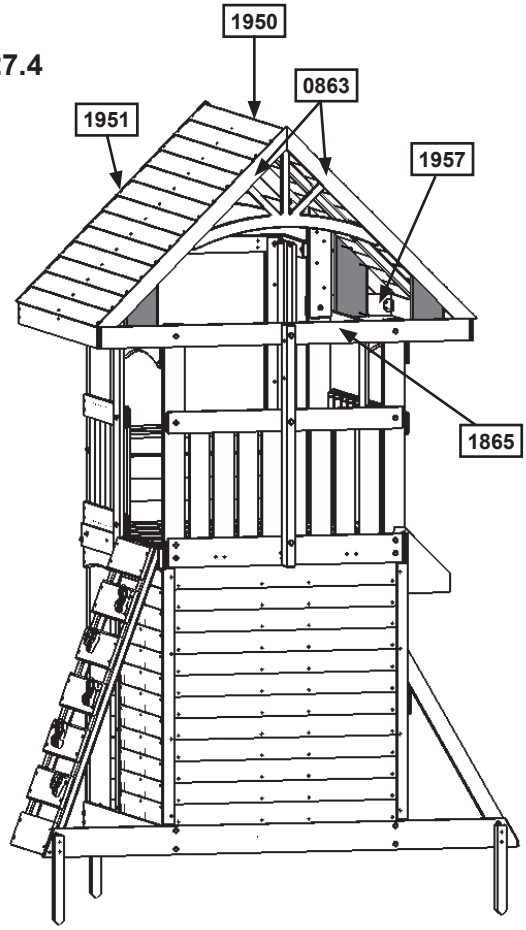


Fig. 27.4



Wood Parts

4 x 0514 Roof Brace 1 x 6 x 13"

Hardware

8 x S1 #8 x 1-1/8" Wood Screw

8 x S2 #8 x 1-1/2" Wood Screw

Step 27: Attach Roof to Fort
Part 3

F: Tight to each (1950) and (1951) Roof Support on the Crowsnest side, under the Peak Detail, attach (1979) Roof Support with 1 (S2) #8 x 1-1/2" Wood Screw and 1 (S4) #8 x 3" Wood Screw per side as shown in fig. 27.6 and 27.7. It is important the screws are installed as shown below.

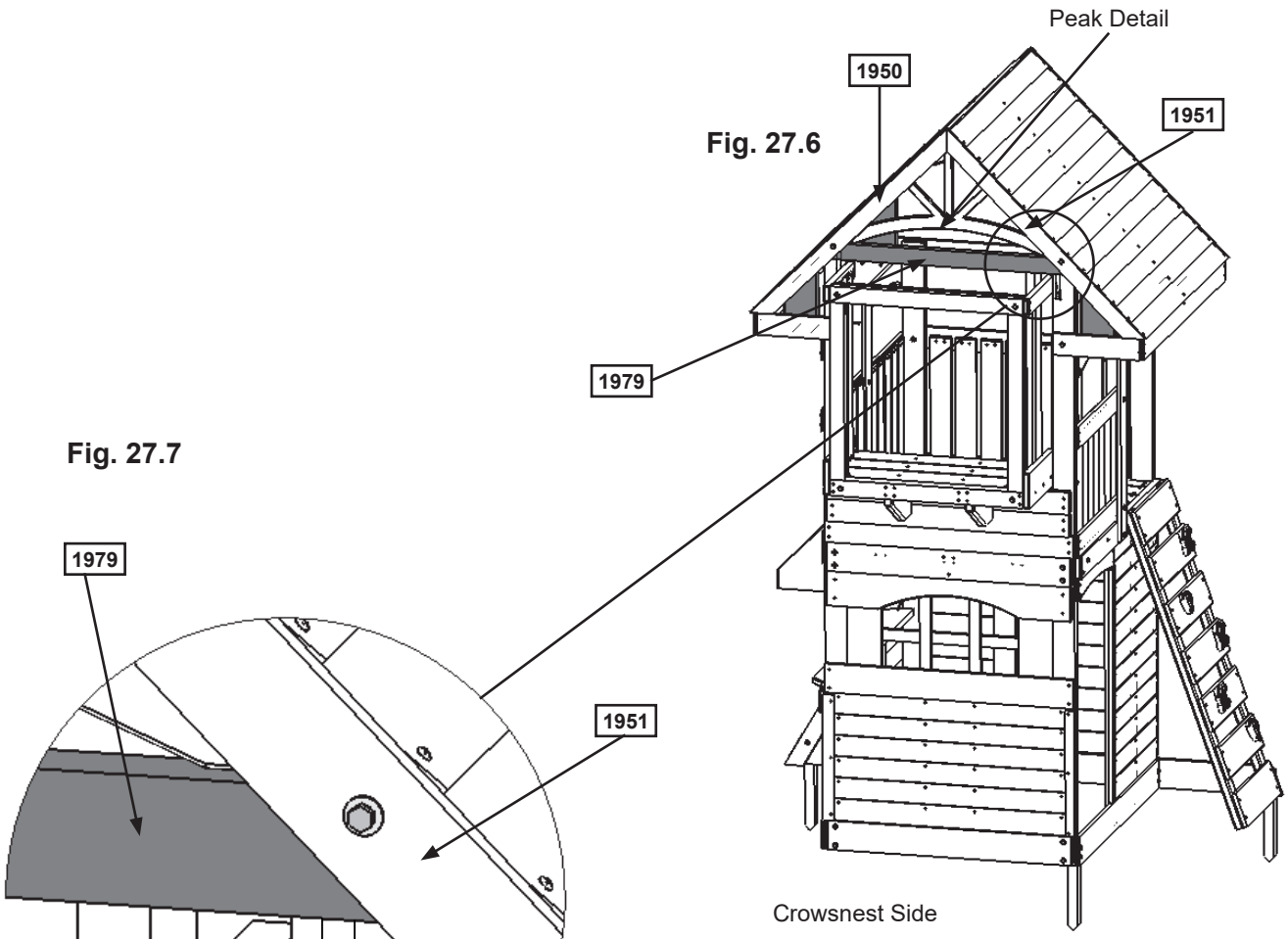


Fig. 27.6

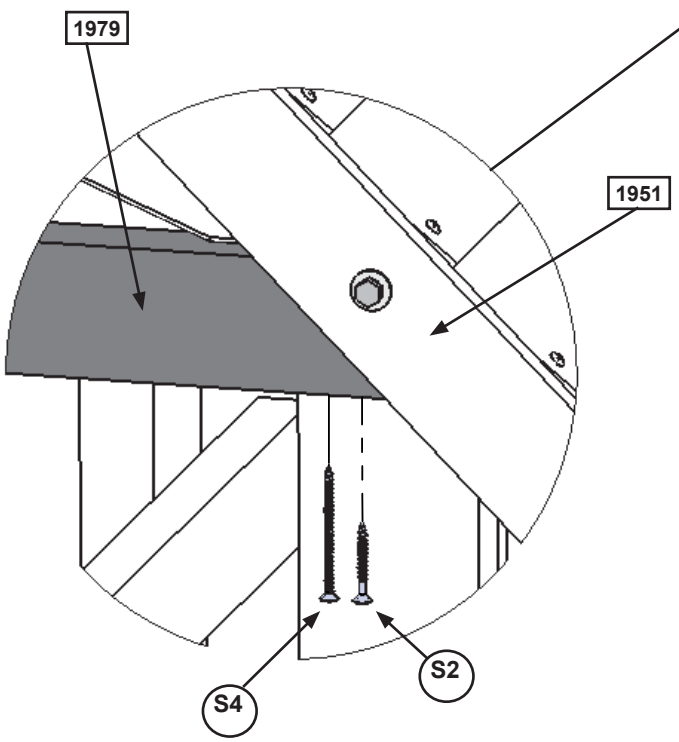


Fig. 27.7

Wood Parts

1 x [1979] Roof Support 2 x 3 x 36"

Hardware

2 x (S4) #8 x 3" Wood Screw

2 x (S2) #8 x 1-1/2" Wood Screw

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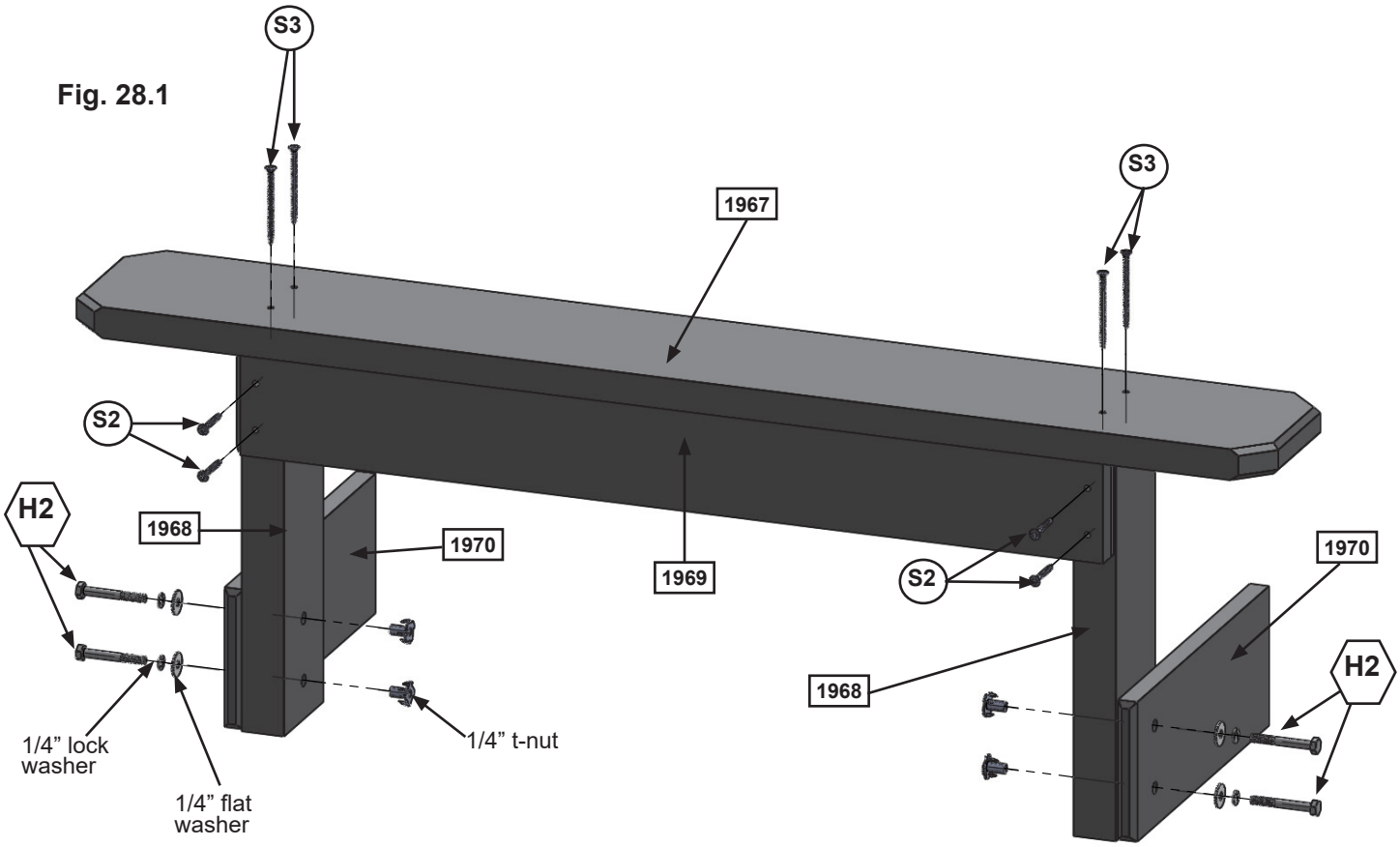
Step 28: Seat Assembly

A: Attach (1969) Seat Rail flush to the top and outside edges of 2 (1968) Seat Posts with 4 (S2) #8 x 1-1/2" Wood Screws as shown in fig. 28.1. Notice the bolt holes in (1968) Seat Posts are at the bottom of the boards.

B: Centre (1967) Seat on top of (1968) Seat Posts and attach with 4 (S3) #8 x 2-1/2" Wood Screws. (fig. 28.1)

C: Attach 1 (1970) Seat Bottom to each (1968) Seat Post with 2 (H2) 1/4 x 2" Hex Bolts (with lock washer, flat washer and t-nut) per post. (fig. 28.1)

Fig. 28.1



Wood Parts

- 1 x 1967 Seat 5/4 x 6 x 39"
- 1 x 1969 Seat Rail 1 x 4 x 28-3/8"
- 2 x 1970 Seat Bottom 1 x 5 x 11-1/2"
- 2 x 1968 Seat Post 2 x 4 x 12-1/2"

Hardware

- 4 x H2 1/4 x 2" Hex Bolt (1/4" lock washer, 1/4" flat washer, 1/4" t-nut)
- 4 x S3 #8 x 2-1/2" Wood Screw
- 4 x S2 #8 x 1-1/2" Wood Screw

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Step 29: Attach Seat Assembly to Fort

A: Centre Seat Assembly on (0351) Front Back and attach (1970) Seat Bottoms to (0351) Front Back with 2 Corner Braces per (1970) Seat Bottom, one on each side, using 3 (S5) #8 x 1/2" Pan Screws per brace, as shown in fig. 29.1, 29.2 and 29.3. The Corner Braces should be centred on the boards. Notice that the screw placement is opposite from the outside Corner Braces to the inside. (fig. 29.2 and 29.3)

Fig. 29.3

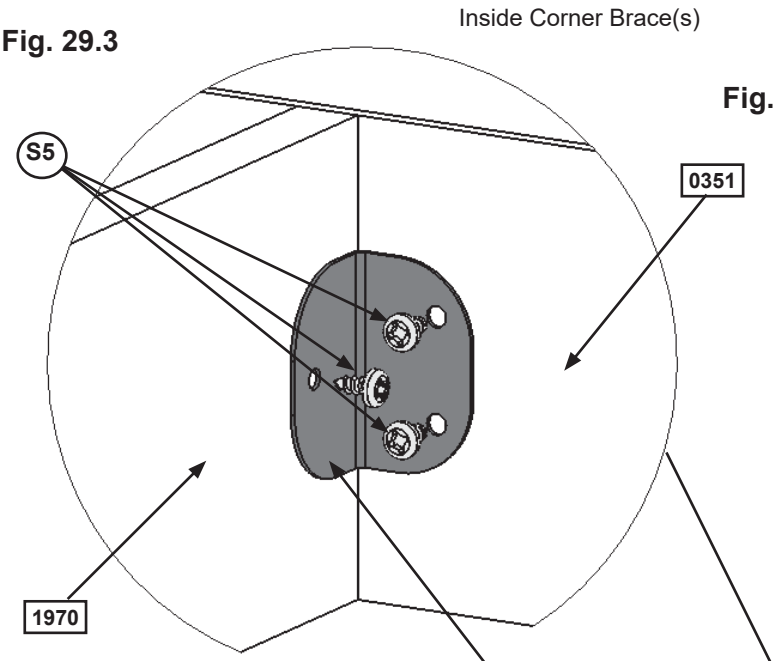
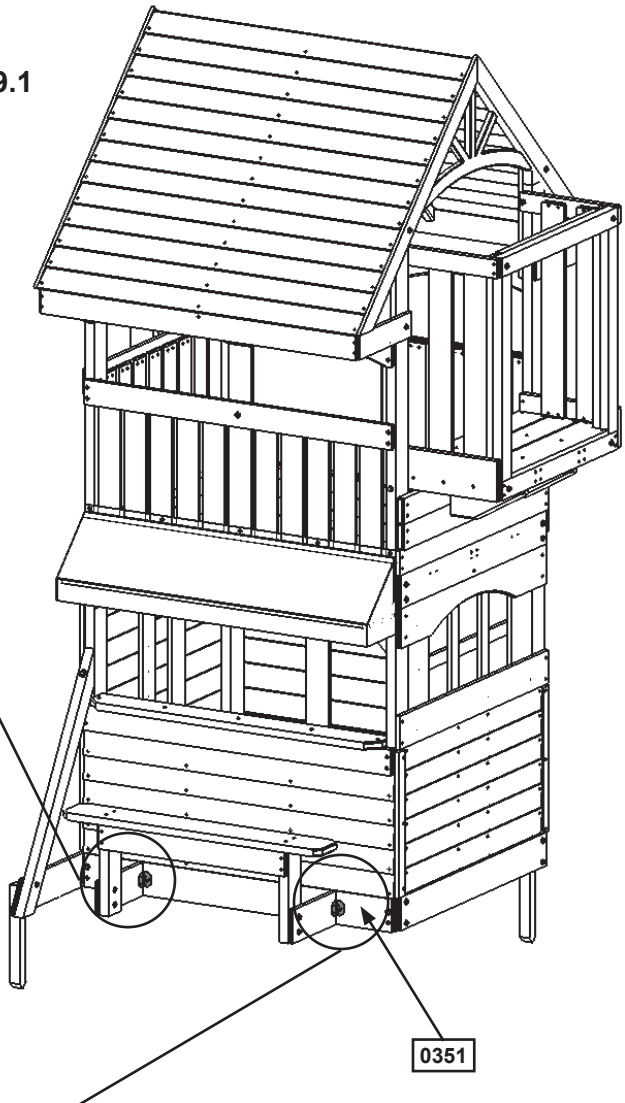


Fig. 29.1



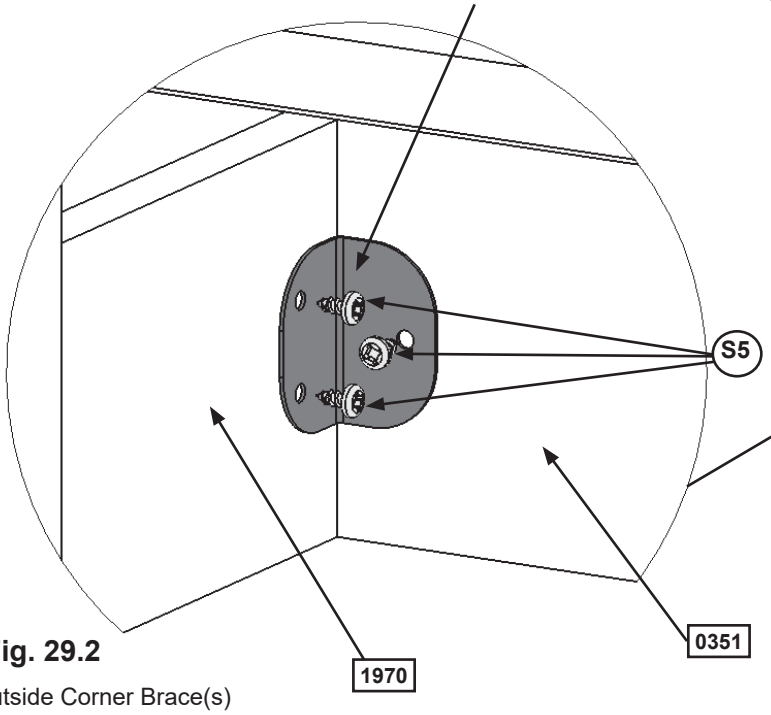


Fig. 29.2

Outside Corner Brace(s)

Hardware

12 x (S5) #8 x 1/2" Pan Screw

Other Parts

4 x Corner Brace

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Step 30: Slide Support Assembly

Note: Pre-drill all holes using a 1/8" drill bit before installing the lag screws.

A: Remove the previosly installed hardward in (0351) Front Back. This will be used in Step B so do not discard it. (fig. 30.2)

B: Attach (1988) Gusset Ground Support to (0351) Front Back with 1 (LS3) 1/4 x 3" Lag Screw (with flat washer) in the top (pre-drilled) hole. Make sure (1988) Gusset Ground Support is square to the fort then install 1 (S7) #12 x 2" Pan Screw in the bottom hole. (fig. fig. 30.1 and 30.2)

C: Attach (1986) Crowsnest Diagonal to (1870) Trim Short with 1 (S3) #8 x 2-1/2" Wood Screw and 1 (S4) #8 x 3" Wood Screw and to (1988) Gusset Ground Support with 2 (S2) #8 x 1-1/2" Wood Screws as shown in fig. 30.2.

D: Drive 1 (0318) Ground Stake 10-1/2" into the ground, at (1986) Crowsnest Diagonal as shown in fig. 30.2. Attach using 2 (S3) #8 x 2-1/2" Wood Screws. (fig. 30.2)

Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2" into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 30.2

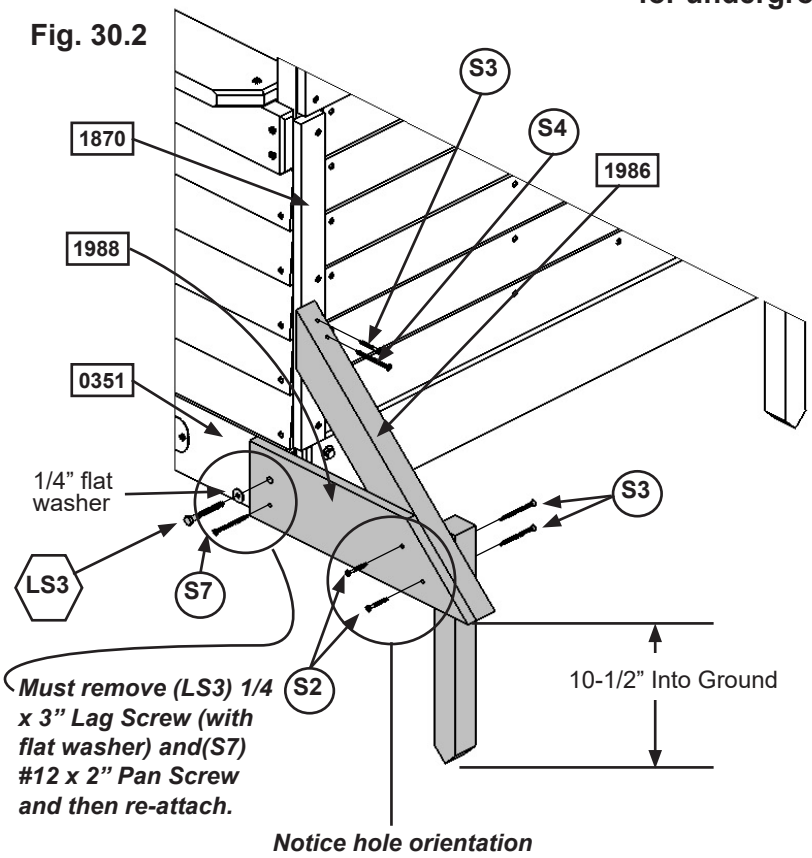
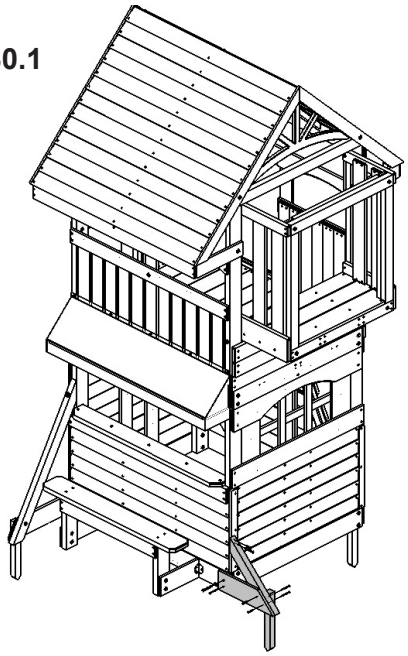


Fig. 30.1



Wood Parts

- 1 x 1988 Gusset Ground Support 1 x 5 x 15-5/8"
- 1 x 1986 Crowsnest Diagonal 2 x 3 x 18-3/8"
- 1 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14"

Hardware

- 3 x S3 #8 x 2-1/2" Wood Screw
- 2 x S2 #8 x 1-1/2" Wood Screw
- 1 x S4 #8 x 3" Wood Screw

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Step 31: Attach Swing Assembly to Fort

A: Attach Swing Assembly from Step 5 to (1861) SW Mount with 1 (G5) 5/16 x 4-1/2” Hex Bolt (with lock washer, flat washer and t-nut) and 1 (G8) 5/16 x 2” Hex Bolt (with 2 flat washers and 1 lock nut) as shown in fig. 31.1 and 31.2.

Fig. 31.1

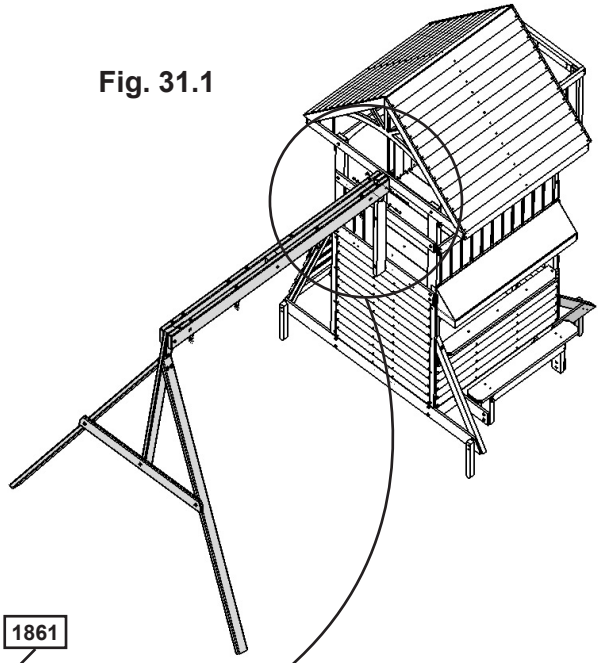
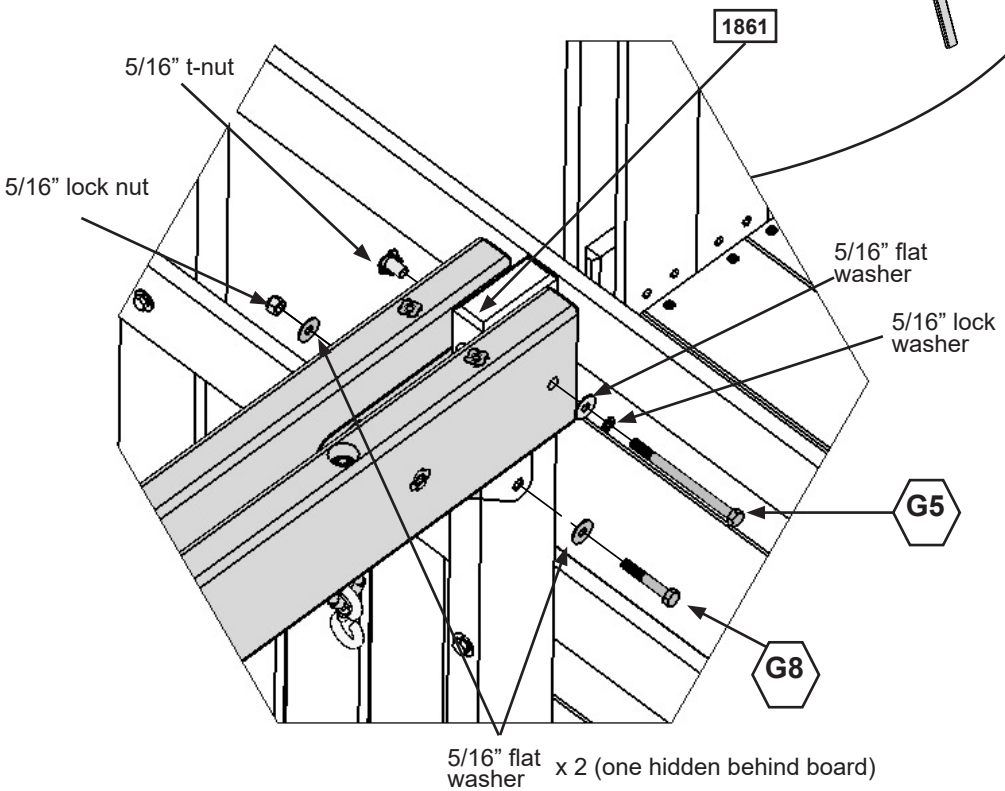


Fig. 31.2



Hardware

1 x G5 5/16 x 4-1/2” Hex Bolt (5/16” lock washer, 5/16” flat washer, 5/16” t-nut)

1 x G8 5/16 x 2” Hex Bolt (5/16” flat washer x 2, 5/16” lock nut)

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Step 32: Attach Swing Ground Stakes

A: Drive one (0318) Ground Stake 10-1/2” into the ground at each (1863) SW Post and attach with 2 (S3) #8 x 2-1/2” Wood Screws per ground stake. (fig. 32.1 and 32.2)

Warning! To prevent tipping and avoid potential injury, stakes must be driven 10-1/2” into ground. Digging or driving stakes can be dangerous if you do not check first for underground wiring, cables or gas lines.

Fig. 32.1

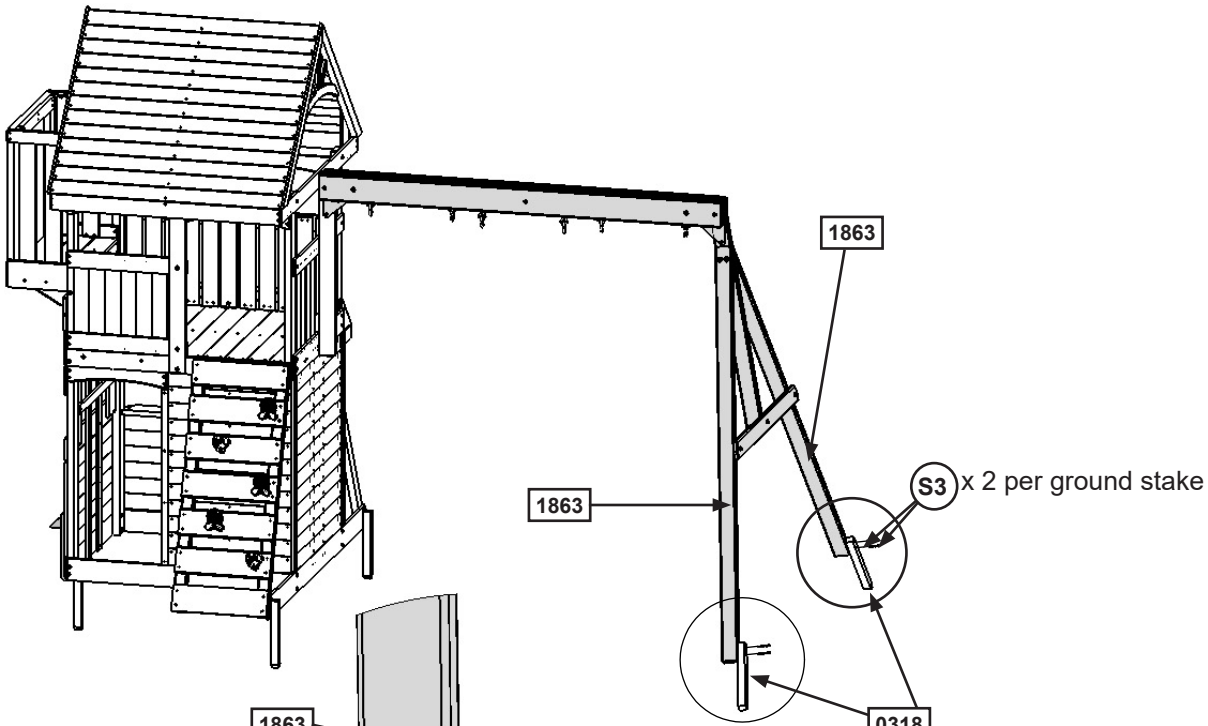
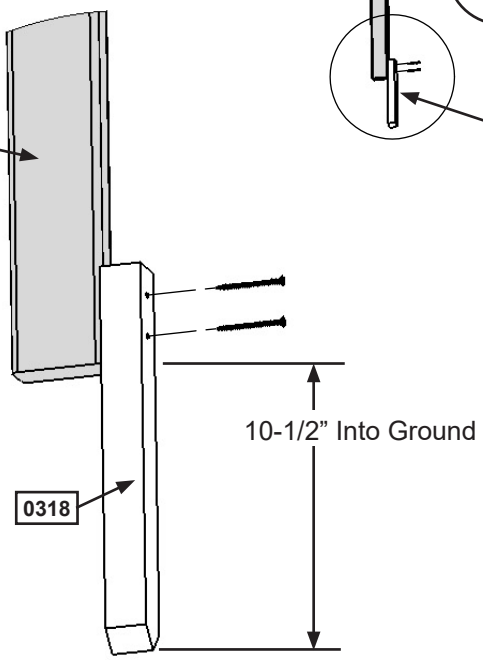


Fig. 32.2



Wood Parts

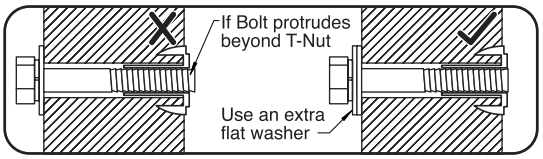
2 x 0318 Ground Stake 1-1/4 x 1-1/2 x 14”

Hardware

4 x S3 #8 x 2-1/2” Wood Screw

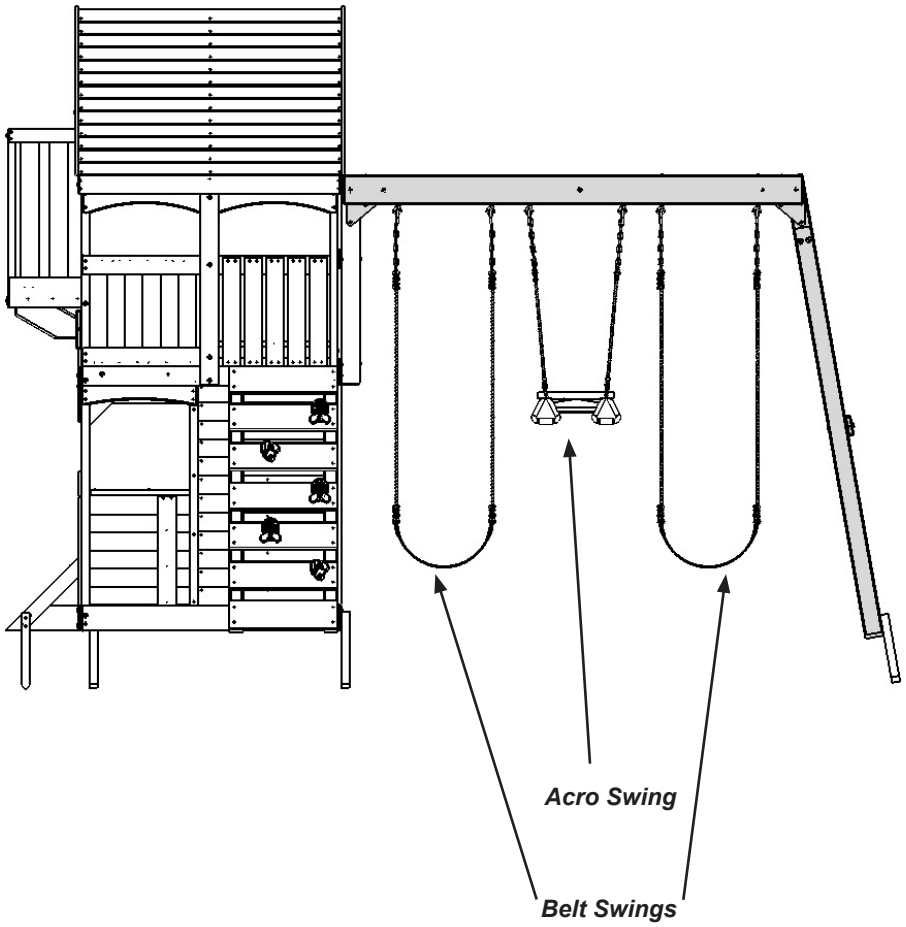
Step 33: Attach Belt and Acro Swings

Warning! Check entire play centre for bolts protruding beyond t-nuts. Use extra washers to eliminate this condition.



A: Attach 2 Belt Swings and Acro Swing to the Bolt-Thru Swing Hangers. (fig. 33.1)

Fig. 33.1



Other Parts

2 x Belt Swings

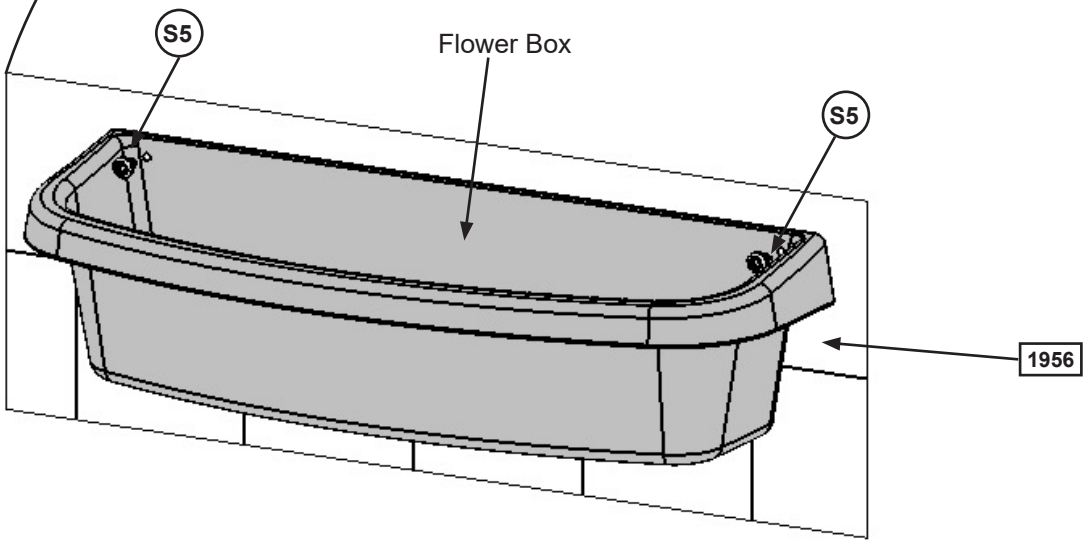
1 x Acro Swing

Step 34: Attach Flower Box to Fort

A: On the front of the assembly attach 1 Flower Box, centred under the window on (1956) Front Wall with 2 (S5) #8 x 1/2" Pan Screws as shown in fig. 34.1 and 34.2.

Fig. 34.1

Fig. 34.2



Hardware	Other Parts
2 x (S5) #8 x 1/2" Pan Screw	1 x Flower Box

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Step 35: Attach slide to fort

Note: Pre-drill all holes using a 1/8" drill bit before installing the pan screws.

A: Place Slide in the centre between both (1984) Crowsnest Face. (fig. 35.2 and 35.1)

B: Attach slide to fort through the (1974) Floor Boards and into (1976) Crowsnest Front using 3 (S7) #12 x 2" Pan Screws. (fig. 35.2 and 35.3)

Fig. 35.1

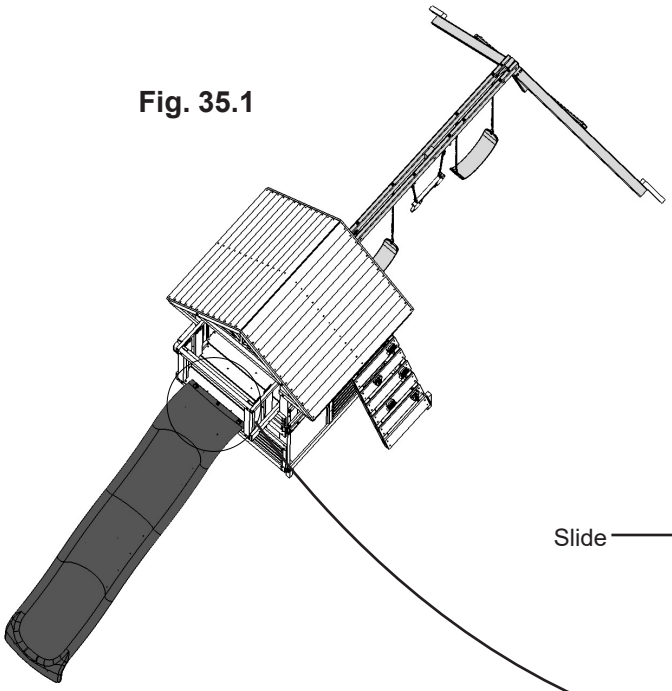


Fig. 35.2

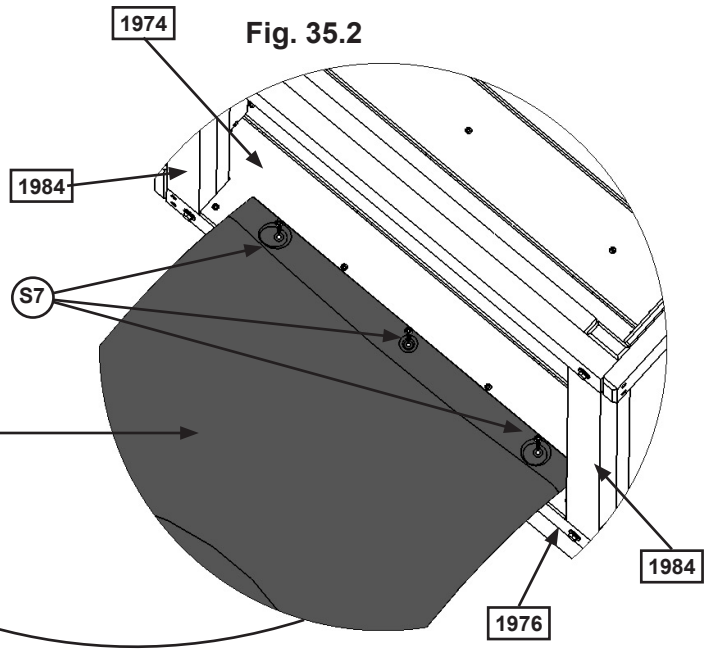
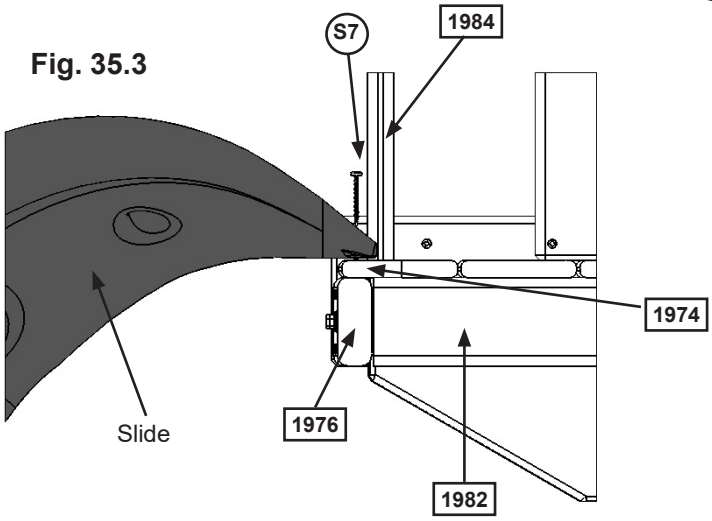


Fig. 35.3



Hardware	Other Parts
3 x (S7) #12 x 2" Pan Screw	1 x Maze N' Wave 2.75M Slide

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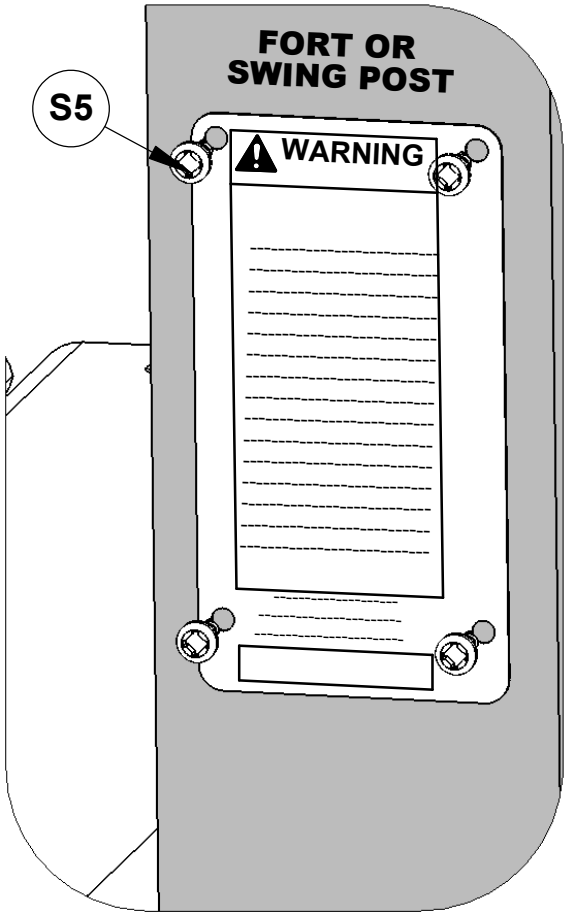
Final Step: Attach I.D. Plaque

ATTACH THIS WARNING & I.D. PLAQUE TO A PROMINENT LOCATION ON YOUR PLAY EQUIPMENT! (Fort or Swing Post)

This provides warnings concerning safety and important contact information. A Tracking Number is provided to allow you to get critical information or order replacement parts for this specific model.



Attach with (S5) #8 x 1/2" Pan Screws to a location on your set that is easily seen and read by a supervising adult.

NOTES

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CEDAR SUMMIT

Consumer Registration Card

First Name | Initial | Last Name

Street | Apt. No.

City | State/Province | ZIP/Postal Code

Country | Telephone Number

E-Mail Address

Model Name | Model Number | (Box Labels)

Serial Number (on ID Plaque)

Date Purchase | Purchased From

MM / DD / YY

How would you rate this product for quality?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate this product for ease of assembly?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate our instructions?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

How would you rate the quality of packaging?

☐ Excellent ☐ Very Good ☐ Average ☐ Below Average ☐ Poor

Would you recommend the purchase of our products to friends and family?

☐ Yes ☐ No

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